

APRIL 1959

VOLUME 5 • NUMBER 4

# CONSTRUCTION REVIEW

*C41.30/3*  
*Featured in this issue . . .*

## METAL WINDOW PRODUCTION AND SHIPMENTS

- *Expenditures*
- *Starts*
- *Materials*
- *Awards*
- *Permits*
- *Costs*
- *Employment*



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APR 13 1959

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## At a Glance

**CONSTRUCTION ACTIVITY IN MARCH**--New construction activity increased seasonally in March to \$3.8 billion, topping by 13 percent the previous high for March set in 1958. For the first quarter of 1959, expenditures totaled more than \$10.9 billion, also a new high and 12 percent above the first quarter of 1958. Spending on private construction was up 10 percent from the first quarter of 1958, largely because of a 27-percent rise in new residential construction expenditures. However, outlays for new industrial facilities continued to lag from last year, with the first quarter of 1959 off 34 percent from the same 1958 period. Public construction expenditures, paced by highways, housing, and military construction, were 16 percent ahead of 1958, for the first quarter.

**HOUSING STARTS IN FEBRUARY**--Nonfarm housing starts rose seasonally in February to 89,000 units and were 35 percent higher than in February 1958, with the increases all in privately owned housing. The January-February 1959 advance in private starts (to 87,900) was primarily in conventionally financed housing, whereas the gain from February 1958 reflected over-the-year increases in both Government-assisted and conventionally financed starts. Seasonally adjusted, private starts were at an annual rate of 1,320,000 this February, compared with 1,350,000 in January and an average of about 1,390,000 in the fourth quarter of 1958. During the first 2 months of 1959, construction was begun on 171,200 private and 3,800 public units. Corresponding totals for the same 1958 period were 123,900 and 10,100, respectively.

**FHA-VA ACTIVITY IN FEBRUARY**--Housing starts under FHA programs rose slightly in February to a level 78 percent above a year earlier and the highest for the month since 1950. VA starts declined 11 percent in February, but continued above year-ago levels for the seventh straight month. Applications for FHA mortgage insurance (excluding Capehart military housing) rose again in February by a larger amount than they had in January. Requests for VA appraisals also increased over the month. At the end of the first 2 months, FHA applications were 49 percent higher this year than in 1958 and VA appraisal requests were more than three and a half times the 1958 record low for the period.

**NONFARM MORTGAGE RECORDINGS IN 1958**--The value of nonfarm mortgages recorded during 1958 reversed a 2-year downtrend and rose 13 percent to \$27.4 billion--second only to the record high, registered in 1955, of \$28.5 billion. All groups of lenders except insurance companies and individuals shared in the gain over 1957. The value of mortgages financed by savings and loan associations was up 14 percent over the year, and this group accounted for 38.4 percent of 1958 total lending volume. Increases from 1957 for commercial banks and mutual savings banks were 22 and 15 percent, respectively. The average mortgage amount, which declined slightly in 1957, resumed in 1958 the uptrend evident since the beginning of the series in 1939, and increased 7 percent to an alltime high of \$7,959.

**BUILDING PERMIT ACTIVITY IN JANUARY**--Building permit valuations increased less than usual (by 3 percent) in January to \$1.4 billion, but this total was 19 percent above that for January 1958. Most of the small rise from December 1958 was for commercial buildings. When compared with a year earlier, permit valuations this January were lower for industrial buildings (25 percent) and for additions and alterations (9 percent), but were higher for all other types of building construction. Over-the-year increases ranged from 1 percent for community buildings to 46 percent for commercial structures.

**PUBLIC CONTRACT AWARDS IN 1958**--Construction contracts awarded during 1958 by all public agencies (Federal, State, and local) were valued at \$13.5 billion, or 18 percent above 1957. Federal construction award values rose 28 percent over the year to nearly \$3 billion, reflecting mainly increases for missile launching facilities, military (Capehart) housing, and airfield buildings. Gains occurred also for all other types of federally owned construction except conservation and development and electric power facilities. State and local contract volume expanded 15 percent in 1958 to \$10.5 billion, with highway construction under Federal-aid programs, electric power projects, housing, and administrative buildings accounting for most of the rise. The only declines in State and local public works were for schools and water systems.



## At a Glance

**CONSTRUCTION CONTRACTS IN JANUARY AND FEBRUARY**--The value of construction contracts awarded during the 12 months ending in January 1959, as reported by the F. W. Dodge Corp., was 11 percent above the comparable figure for 1958. Engineering awards contributed strongly to the gain, with public works up 27 percent and utilities ahead by 6 percent. Residential building showed progressive strength, but nonresidential building continued to fall behind year-earlier levels.

Reports of the Engineering News-Record on the value of large construction contracts awarded for the 12 months ending in February 1959 maintained the steady improvement noted in earlier months. Total construction awards rose 14 percent over the 12 months ending in February 1958. The public sector, up 25 percent, accounted for almost all of the gain, since private contract awards were up only 1 percent from 1958. Highways and bridges were up 26 percent, and buildings other than private industrial were up 22 percent.

**CONSTRUCTION COSTS IN JANUARY**--The Department of Commerce composite index, at 139 in January 1959, had declined 1 percent from December 1958 but still was 1 percent higher than in January 1958. (The preliminary index for October 1958 has been revised to 139, and 1958 annual average to 138.)

**CONSTRUCTION MATERIALS OUTPUT IN DECEMBER**--The output of construction materials in December, as measured by the Composite Output Index, fell 5 percent from November. This was a less than normal seasonal decline because, after adjustment for seasonal variation, the change from November to December represented a 4 percent gain in output. Major seasonal advances were reported for heating and plumbing equipment (17 percent), lumber and wood products (12 percent), and clay construction products (6 percent). Seasonal declines in output were reported for portland cement (11 percent), asphalt roofing and siding (6 percent), and millwork (5 percent). Output for the full year 1958 was 2 percent lower than the 1957 level. Over-the-year gains were recorded in gypsum products (10 percent); paint, varnish and lacquer (8 percent); asphalt roofing and siding (6 percent); portland cement (5 percent); plumbing fixtures (3 percent); and lumber and wood products (2 percent). Declines from 1957 levels were reported for iron and steel products (14 percent), millwork (9 percent), and 2 percent each for clay construction products, and heating and plumbing equipment.

**CONTRACT CONSTRUCTION EMPLOYMENT IN FEBRUARY**--Contract construction employment declined by 100,000 in February to 2,242,000--a relatively sharp drop for that month. The total employment, however, was above February 1958 by 69,000. According to detailed data now available through January 1959, all groups of contractors reported fewer employees on their payrolls than in December 1958. When compared with a year ago, employment was higher this January for special-trades contractors as a group and for those engaged in highway and street construction. These gains were more than offset by over-the-year employment losses for contractors in general building and in heavy engineering--continuing the downtrend which began in 1957.

**HOURS AND EARNINGS IN JANUARY**--The average workweek in contract construction expanded a half hour in January to 35.8 hours--bringing weekly pay up by \$1.55 to a new January high of \$110.98. Hourly earnings averaged the same as in December (\$3.10). Compared with January a year ago, earnings for the industry as a whole were up by 10 cents hourly and \$3.88 weekly, and the average workweek was longer by 0.1 hour.

**APPRENTICES IN BUILDING TRADES, 1958**--The number of registered apprentices in the building trades turned downward in 1957, after a 4-year climb, and by mid-1958 was down to 107,700, 5 percent below the 113,100 reported at the end of 1956. Each of the principal trades had fewer apprentices in 1958 than in 1956, with carpentry (the trade with the largest number of apprentices) showing the greatest decrease. The 1956-58 reduction in the national total, however, resulted from curtailed programs in only about half of the States. California (the leading State in the number of apprentices) experienced the sharpest 1956-58 cutback, followed by Michigan. The number of building trades apprentices increased in about a third of the States, and only minor 1956-58 fluctuations were reported in the remainder. Arizona and Florida showed the greatest expansion in apprenticeship training during this period.

# Production and Shipments of Metal Windows, 1957

SIDNEY GERTLER \*

Almost 9.5 million aluminum and steel windows valued at approximately \$206 million were produced or shipped by 95 United States metal window manufacturers in 1957. It is estimated that the producers consumed 95,000 tons of carbon steel and 68,000 tons of aluminum for this output.

These are the highlights of a survey conducted by the Building Materials Division of the Business and Defense Services Administration in the spring of 1958 in connection with its mobilization planning activities. The primary purpose of the survey was to obtain data on metal consumption by this important segment of the metal building materials fabricating industry.

Based on the information available from trade association sources, trade directories, and government files, a mailing list of about 400 companies was circularized at the initiation of the survey. The responses revealed a great number of cases in which metal windows were either never produced, or such production had been discontinued. Although all companies to whom initial mailings were made were accounted for, only 95 reported production of metal windows in 1957. However, the kind of turnover evidenced in this survey indicates that there are a number of new firms in this field which could not be identified. Altogether, it is estimated that there are 30 fabricators of steel windows and about 165 manufacturers of aluminum windows which account for almost the entire United States output of metal windows, although some industry sources estimate a much greater number.

Many firms make primary windows as part of a line of windows, doors, storm sash and combination sash, curtain walls, steel floor and roof decking, and other structural items, but this report is concerned only with "primary windows." The term denotes any sash, casement, or framework produced for installation in an opening constructed in the side of a building principally to admit light and air,<sup>1</sup> or any component part of the sash, casement, or framework; it does not include storm windows, combination screen and storm windows, screens, or store fronts.

TABLE 1. REPORTED NUMBER AND VALUE  
OF METAL WINDOWS PRODUCED OR SHIPPED,  
BY TYPE OF MATERIAL, 1957

(In thousands)

Type of material	Number of units	Value of production or shipments
All metal windows .....	9,455	\$206,224
Steel .....	3,454	59,784
Nonferrous <sup>1</sup> .....	6,001	146,440

<sup>1</sup> For purposes of this article, the term nonferrous is used interchangeably with aluminum. Also, this category includes a relatively minor number of units (approximately 12,000) made of stainless steel or bronze.

windows only, 67 were from fabricators of aluminum windows only, and 19 were manufacturers of both steel and aluminum windows. Almost two-thirds of the 9.5 million metal units reported as shipped or produced in 1957 were made of aluminum (table 1).

On the assumption that the sash and frames not reported by type in the 1954 Census of Manufactures were distributed in the same proportion as those of steel and aluminum which were reported, and

\* Of the Building Materials Division, Business and Defense Services Administration, U. S. Department of Commerce. Address inquiries to this agency.

<sup>1</sup> Ventilation has usually been considered a function of windows, but this is a concept which is currently undergoing rapid change. The use of air conditioning in buildings has speeded the use of sash which can be opened only for cleaning or which cannot be opened at all. In a curtain wall there is some question as to whether fixed sash which cannot be operated are really windows or part of the structural or sheathing wall. In residential work, the ambiguity also exists with respect to inoperable picture windows.

The industry has two principal components; namely, the segment whose production is mainly stock windows and the group which produces custom windows as well as related products. The bulk of production of both steel and aluminum windows is accounted for by a few large firms in the steel and nonferrous divisions of the business which specialize in the mass production and sale of stock sizes.

The 95 respondents who provided data for 1957 in this survey include all of the large producers and practically all other well-known and established producers, regardless of size. Nine reports were from plants making steel

that nonferrous sash not reported in units had the same average value as those reported, estimates were obtained of the relative importance of different kinds of units shipped in 1947 and 1954 (table 2).

This nonferrous category has gained sharply since 1947, rising from about 13 percent of all metal windows in that year to almost 64 percent in 1957.

TABLE 2. RELATIVE OUTPUT OF METAL WINDOWS, BY TYPE OF MATERIAL, 1947, 1954, AND 1957

Type of material	1947	1954	1957
	Reported shipments <sup>1</sup>	Estimated shipments <sup>1</sup>	Reported production or shipments
All metal windows .....	100.0	100.0	100.0
Steel .....	87.4	54.9	36.5
Nonferrous <sup>1</sup> .....	12.6	45.1	63.5

<sup>1</sup> 1954 Census of Manufactures, Vol. II, Industry Statistics, Pt. 2, Major Group 34.

It may be noted further (table 3) that survey results show a much greater proportion of residential units made of aluminum, 72 percent, than occurs in the commercial-industrial category where aluminum windows accounted for 47 percent of the 1957 reported output.

TABLE 3. REPORTED NUMBER AND VALUE OF METAL WINDOWS SHIPPED, BY USE AND TYPE OF MATERIAL, 1957<sup>1</sup>

Use	Number of units	Value (in thousands)
<b>Metal windows, all uses .....</b>	<b>8,635,750</b>	<b>\$187,749</b>
Aluminum .....	5,632,150	133,907
Steel .....	3,003,600	53,842
<b>Residential .....</b>	<b>6,287,000</b>	<b>89,348</b>
Aluminum .....	4,524,900	72,143
Steel .....	1,762,100	17,205
<b>Commercial, industrial, and other .....</b>	<b>2,348,750</b>	<b>98,401</b>
Aluminum .....	1,107,250	61,764
Steel .....	1,241,500	36,637

<sup>1</sup> Reports of 4 plants, accounting for 10 percent of production reported in this survey, have been excluded from these figures because no breakdown by use was provided.

The 67 plants which reported that they made aluminum windows only in 1957 accounted for over half (53 percent) of the total number of metal window units reported as produced in 1957 and a like proportion (55 percent) of the industry dollar volume. There were 19 plants which combined steel and aluminum production, and they accounted for nearly one-third of the total metal window units and the same proportion of value. The nine plants which specialized in steel window production in 1957 constituted the smallest segment of the industry with only 14 percent of total unit output and 12 percent of the value of shipments.

The production of the nine plants specializing in steel windows also comprised the lesser part of total steel window output, amounting to 37 percent of steel unit production and 41 percent of steel dollar volume (table 4).

TABLE 4. REPORTED NUMBER AND VALUE OF METAL WINDOWS PRODUCED OR SHIPPED, BY TYPE OF PRODUCER, 1957

Type of producer	Number of plants	Number of units	Value of production or shipments (in thousands)
All producers reporting .....	95	9,454,915	\$206,224
Producing steel windows only .....	9	1,280,265	24,487
Producing aluminum windows only .....	67	5,028,150	113,758
Producing both steel and aluminum windows .....	19	3,146,500	67,979
Steel windows .....	--	2,173,900	35,297
Aluminum windows .....	--	972,600	32,682

The aluminum window industry has moved from a modest beginning 20 years ago to a position of dominance in the metal window industry. Most of the plants now manufacturing both aluminum and steel windows are owned by firms which started in the steel window business and have expanded to include facilities for aluminum production. Some of these firms have entered aluminum window manufacture by

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buying or merging with existing aluminum window producers. A number of plants which are included in these tabulations as producers of aluminum windows exclusively are owned by firms which also produce steel windows in separate plants.

Some historical perspective on the growth of the metal window industry, in terms of value of shipments, is provided by the following:

	Value of shipments <sup>1</sup> (Thousands of dollars)
1947.....	90,780
1950.....	147,619
1951.....	142,210
1952.....	127,102
1953.....	152,268
1954.....	206,224

<sup>1</sup> The figures shown for 1950-53 are sample estimates obtained from the Annual Survey of Manufactures for those years. Figures for 1947 and 1954 are from the Census of Manufactures. The equality of the 1954 and 1957 values is entirely coincidental.

Three principal geographic regions of the United States<sup>2</sup> accounted for almost 80 percent of the total value of metal windows manufactured in 1957. These were the East North Central, the South Atlantic, and the Middle Atlantic regions which also accounted for about 85 percent of the number of all metal windows reported in 1957. The East North Central region, one of the chief industrial centers of the United States, led all others in metal window production, with the South Atlantic region a fairly close second. This exemplifies the growth of aluminum window manufacture in recent years, since the South Atlantic region does not include a single producer of steel windows (table 5).

TABLE 5. REPORTED NUMBER AND VALUE OF METAL WINDOWS PRODUCED OR SHIPPED, BY TYPE OF MATERIAL, AND BY GEOGRAPHIC DIVISION, 1957

Item	United States	Middle Atlantic	South Atlantic	East North Central	Pacific and Mountain	East South Central and West South Central <sup>1</sup>	West North Central
Number of plants .....	95	18	22	25	18	7	5
Number of windows shipped							
All metal windows.....	9,454,915	1,687,665	2,859,850	3,360,700	622,600	593,600	330,500
Steel .....	3,454,165	685,565	0	2,397,500	273,100	0	98,000
Aluminum .....	6,000,750	1,002,100	2,859,850	963,200	349,500	593,600	232,500
Value of windows shipped (in thousands)							
All metal windows .....	\$206,224	\$41,015	\$48,930	\$68,550	\$20,626	\$9,265	\$17,838
Steel .....	59,784	15,201	0	35,486	6,747	0	2,350
Aluminum .....	146,440	25,814	48,930	33,064	13,879	9,265	15,488

<sup>1</sup> Regions combined to avoid disclosure of individual company data.

A greater number of plants are located in the East North Central States than in any other region. The principal city locations are Detroit, Chicago, and Youngstown, Ohio. A few of the very large producers are located in the Middle Atlantic States with operations at Philadelphia, New York City, and Jamestown, New York.

The plant distribution of aluminum window manufacturers is especially interesting because so many firms are located in the South Atlantic and Pacific regions. Manufacture of aluminum windows

<sup>2</sup> See box following table A-2 in Construction Review for composition of regions and geographic divisions



constitutes a new industry, and producers have located in new and rapidly growing industrial areas such as Florida, Texas, and California. This seems to be a reflection of the market for newer types of building products which find their greatest initial acceptance in such rapidly growing regions as these. Industrial growth spurs the complementary building of homes, schools, municipal, and commercial structures, thus creating new and modern communities which, in turn, become the best markets for new building products.

No New England producers were identified by the 1957 survey, although the Census of Manufactures reported \$1,776,000 of metal window shipments in that region in 1954.

A comparison of the relative importance of different regions in the value of production and shipments of metal windows in 1954 and 1957 follows:

	Value of production and shipments (Percent distribution)	
	1954	1957
United States .....	<sup>1</sup> 100.0	100.0
New England .....	.9	0
Middle Atlantic .....	21.9	19.9
East North Central .....	38.6	33.2
West North Central ..	6.0	8.7
South Atlantic .....	14.7	23.7
East South Central and West South Central .....	7.6	4.5
Pacific and Mountain .....	8.6	10.0

<sup>1</sup> The regional figures do not add to the total because data for windows not specified by type have been excluded.

Although the 1957 survey figures are not precisely comparable with Census data for 1954, the magnitude of increase registered by the South Atlantic States is indicative of significant growth in metal window production in that area.

Twenty-five of the largest plants responding in this survey accounted for 65 percent of all units produced or shipped in 1957 and for 73 percent of the total dollar volume reported. The degree of concentration among metal window producing companies is not as great as in some other metal fabricating industries.

With fewer producers in the field, it is not surprising that steel window production should be more concentrated than aluminum window output. The 10 largest steel window plants shipped 77 percent of all steel windows in 1957 and the 10 largest firms in the aluminum window field shipped 49 percent of all aluminum windows. There is some overlapping in these data because 2 of the largest steel producing plants are also included among the 10 largest aluminum window plants.



# STATISTICAL SERIES

NOTE: ALL THE STATISTICAL SERIES IN CONSTRUCTION REVIEW ARE SUBJECT TO REVISION FOR THE LATEST PERIOD SHOWN.

## Part A--Construction Put in Place

NOTE: The monthly estimates in Part A are determined primarily by past contract award movements, standard progress patterns, and assumed normal seasonal movements. They do not reflect the effects of varying numbers of working days in different months, nor of special conditions influencing the volume of activity in any given month, such as unusual weather, materials shortages, overtime, work stoppages, and delays.

Revised statistics on new construction expenditures (unadjusted, seasonally adjusted, and in 1947-49 prices) for 1956 are available in the June 1958 issue of Construction Review, and for 1957, in the December 1958 issue. Data for earlier periods are included in Construction Volume and Costs, 1915-56: A Statistical Supplement to Volume 3 of Construction Review.

Table A-1: New Construction Put in Place: Current Month, by Type of Construction

Type of construction	Value (in millions of dollars)						Percent change		
	1959			1958	First 3 months		March 1959 from--		First 3 months, 1958-59
	Mar.	Feb.	Jan.	Mar.	1959	1958	Feb. 1959	Mar. 1958	
<b>TOTAL NEW CONSTRUCTION</b> .....	3,792	3,475	3,666	3,342	10,933	9,774	+ 9	+13	+12
<b>PRIVATE CONSTRUCTION</b> .....	2,698	2,500	2,610	2,410	7,808	7,088	+ 8	+12	+10
Residential buildings (nonfarm) .....	1,530	1,369	1,448	1,177	4,347	3,420	+12	+30	+27
New dwelling units .....	1,215	1,070	1,150	890	3,435	2,595	+14	+37	+32
Additions and alterations .....	261	245	243	239	749	678	+ 7	+ 9	+10
Nonhousekeeping .....	54	54	55	48	163	147	0	+13	+11
Nonresidential buildings .....	628	638	660	689	1,926	2,140	- 2	- 9	-10
Industrial .....	161	167	173	235	501	761	- 4	-31	-34
Commercial .....	265	262	268	262	795	790	+ 1	+ 1	+ 1
Office buildings and warehouses ..	144	148	153	161	445	489	- 3	-11	- 9
Stores, restaurants, and garages ..	121	114	115	101	350	301	+ 6	+20	+16
Other nonresidential buildings .....	202	209	219	192	630	589	- 3	+ 5	+ 7
Religious .....	67	70	73	61	210	193	- 4	+10	+ 9
Educational .....	41	44	47	41	132	126	- 7	0	+ 5
Hospital and institutional .....	47	47	48	50	142	151	0	- 6	- 6
Social and recreational .....	34	34	35	26	103	76	0	+31	+36
Miscellaneous .....	13	14	16	14	43	43	- 7	- 7	0
Farm construction .....	111	101	98	113	310	317	+10	- 2	- 2
Public utilities .....	416	380	390	419	1,186	1,176	+ 9	- 1	+ 1
Railroad .....	21	20	23	23	64	69	+ 5	- 9	- 7
Telephone and telegraph .....	70	64	60	80	194	225	+ 9	-12	-14
Other public utilities .....	325	296	307	316	928	882	+10	+ 3	+ 5
All other private .....	13	12	14	12	39	35	+ 8	+ 8	+11
<b>PUBLIC CONSTRUCTION</b> .....	1,094	975	1,056	932	3,125	2,686	+12	+17	+16
Residential buildings .....	93	92	91	60	276	175	+ 1	+55	+58
Nonresidential buildings .....	366	322	356	350	1,044	1,005	+14	+ 5	+ 4
Industrial .....	29	27	28	29	84	86	+ 7	0	- 2
Educational .....	219	197	223	222	639	648	+11	- 1	- 1
Hospital and institutional .....	34	29	30	29	93	78	+17	+17	+19
Administrative and service .....	48	39	42	36	129	97	+23	+33	+33
Other nonresidential buildings .....	36	30	33	34	99	96	+20	+ 6	+ 3
Military facilities .....	105	98	105	77	308	237	+ 7	+36	+30
Highways .....	295	265	285	235	845	685	+11	+26	+23
Sewer and water systems .....	111	96	105	105	312	295	+16	+ 6	+ 6
Sewer .....	68	60	66	62	194	175	+13	+10	+11
Water .....	43	36	39	43	118	120	+19	0	- 2
Public service enterprises .....	31	25	28	28	84	76	+24	+11	+11
Conservation and development .....	75	63	71	68	209	189	+19	+10	+11
All other public .....	18	14	15	9	47	24	+29	+100	+96

Source: Departments of Commerce and Labor.

# CONSTRUCTION REVIEW

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Table A-2: New Construction Put in Place: Recent Monthly Trend, by Type of Construction

(Value, in millions of dollars)

Type of construction	1957	1958											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>TOTAL NEW CONSTRUCTION</b>	<b>3,763</b>	<b>3,326</b>	<b>3,106</b>	<b>3,342</b>	<b>3,636</b>	<b>4,000</b>	<b>4,347</b>	<b>4,548</b>	<b>4,707</b>	<b>4,751</b>	<b>4,745</b>	<b>4,448</b>	<b>4,024</b>
<b>PRIVATE CONSTRUCTION</b>	<b>2,737</b>	<b>2,408</b>	<b>2,270</b>	<b>2,410</b>	<b>2,551</b>	<b>2,752</b>	<b>2,959</b>	<b>3,082</b>	<b>3,153</b>	<b>3,172</b>	<b>3,184</b>	<b>3,119</b>	<b>2,887</b>
Residential bldgs. (nonfarm)	1,365	1,165	1,078	1,177	1,289	1,421	1,559	1,645	1,708	1,732	1,764	1,741	1,605
New dwelling units	1,050	895	810	890	945	1,015	1,125	1,205	1,275	1,315	1,340	1,330	1,260
Additions and alterations	265	220	219	239	296	355	382	388	382	366	370	354	288
Nonhousekeeping	50	50	49	48	48	51	52	52	51	51	54	57	57
Nonresidential buildings	799	746	705	689	677	698	735	754	743	741	750	760	722
Industrial	277	274	252	235	218	204	193	185	179	174	175	178	176
Commercial	306	270	258	262	263	285	315	326	316	315	319	327	305
Office buildings and warehouses	178	167	161	161	163	165	169	169	169	167	165	167	163
Stores, restaurants, and garages	128	103	97	101	100	120	146	157	147	148	154	160	142
Other nonresidential bldgs.	216	202	195	192	196	209	227	243	248	252	256	255	241
Religious	74	68	64	61	61	65	70	75	79	80	81	81	78
Educational	46	43	42	41	42	43	46	50	52	53	53	52	50
Hospital & institutional	51	51	50	50	50	51	51	52	53	52	51	50	49
Social and recreational	27	25	25	26	28	32	37	41	42	43	44	42	39
Miscellaneous	18	15	14	14	15	18	23	25	22	24	27	30	25
Farm construction	100	100	104	113	126	146	160	169	173	161	134	114	100
Public utilities	459	385	372	419	446	470	486	494	512	520	519	487	444
Railroad	32	25	21	23	24	25	25	19	25	27	22	21	19
Telephone and telegraph	78	74	71	80	82	81	77	76	71	75	79	71	66
Other public utilities	349	286	280	316	340	364	384	399	416	418	418	395	359
All other private	14	12	11	12	13	17	19	20	17	18	17	17	16
<b>PUBLIC CONSTRUCTION</b>	<b>1,026</b>	<b>918</b>	<b>836</b>	<b>932</b>	<b>1,085</b>	<b>1,248</b>	<b>1,388</b>	<b>1,466</b>	<b>1,554</b>	<b>1,579</b>	<b>1,561</b>	<b>1,329</b>	<b>1,137</b>
Residential buildings	54	59	56	60	62	63	65	69	71	73	82	84	88
Nonresidential buildings	343	343	312	350	374	386	411	421	428	430	427	379	361
Industrial	31	29	28	29	31	34	34	33	32	31	31	30	28
Educational	226	225	201	222	238	239	257	262	259	259	259	229	227
Hospital and institutional	25	25	24	29	31	32	34	37	39	40	41	37	32
Administrative & service	31	31	30	36	39	43	46	49	55	58	55	47	41
Other nonresidential bldgs.	30	33	29	34	35	38	40	40	43	42	41	36	33
Military facilities	97	87	73	77	80	88	95	105	120	135	140	125	110
Highways	334	230	220	235	335	455	545	585	635	645	630	485	350
Sewer and water systems	99	99	91	105	111	118	123	128	133	130	124	117	109
Sewer	62	59	54	62	65	69	73	77	81	80	76	72	69
Water	37	40	37	43	46	49	50	51	52	50	48	45	40
Public service enterprises	25	27	21	28	33	39	41	47	52	52	45	35	30
Conservation & development	67	65	56	68	79	97	96	98	100	97	96	88	74
All other public	7	8	7	9	11	12	12	13	15	17	17	16	15

Source: Departments of Commerce and Labor.

## COMPOSITION OF REGIONS AND GEOGRAPHIC DIVISIONS

### NORTHEAST

1. New England  
Connecticut  
Maine  
Massachusetts  
New Hampshire  
Rhode Island  
Vermont
2. Middle Atlantic  
New Jersey  
New York  
Pennsylvania

### NORTH CENTRAL

3. E. N. Central  
Illinois  
Indiana  
Michigan  
Ohio  
Wisconsin
4. W. N. Central  
Iowa  
Kansas  
Minnesota  
Missouri  
Nebraska  
North Dakota  
South Dakota

### SOUTH

5. S. Atlantic  
Delaware  
Dist. of Col.  
Florida  
Georgia  
Maryland  
N. Carolina  
S. Carolina  
Virginia  
W. Virginia
6. E. S. Central  
Alabama  
Kentucky  
Mississippi  
Tennessee
7. W. S. Central  
Arkansas  
Louisiana  
Oklahoma  
Texas

### WEST

8. Mountain  
Arizona  
Colorado  
Idaho  
Montana  
Nevada  
New Mexico  
Utah  
Wyoming
9. Pacific  
California  
Oregon  
Washington

## NONFARM POPULATION DISTRIBUTION IN 1950

NORTHEAST—29.5 percent.

NORTH CENTRAL—29.0 percent.

SOUTH—27.7 percent.

WEST—13.8 percent.

Chart 2.

## New Construction Put in Place (In 1947-49 Prices)

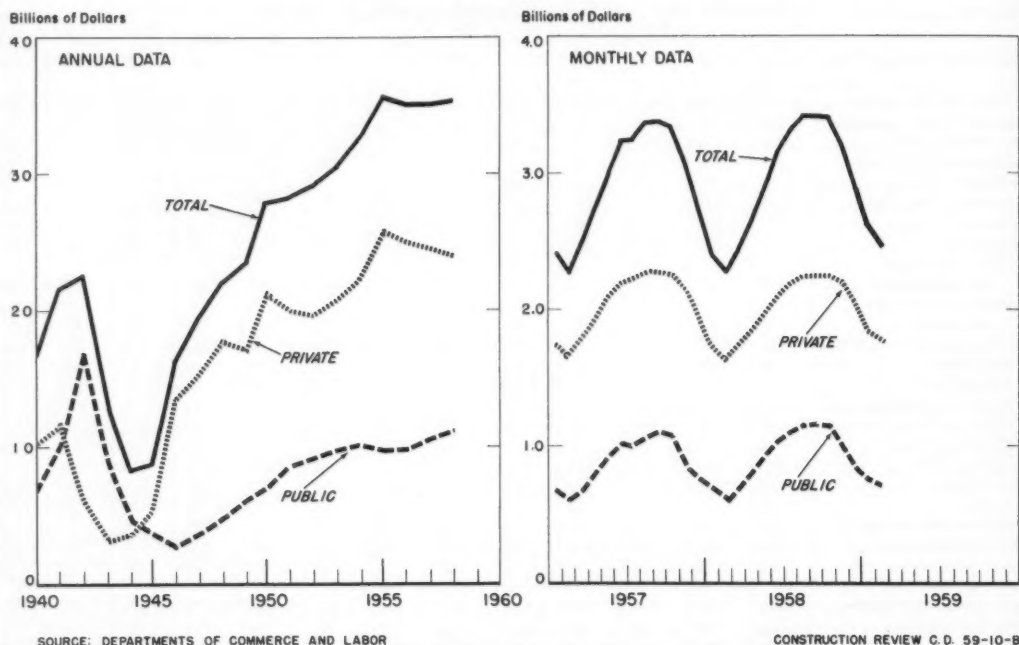


Table A-3: New Construction Put in Place: Seasonally Adjusted Annual Rate, by Type of Construction

(Value, in millions of dollars)

Type of construction	Seasonally adjusted annual rate							Annual total	
	1958				1959			1957	1958
	Mar.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>TOTAL NEW CONSTRUCTION</b> .....	47,592	51,348	52,536	53,676	54,468	54,444	54,528	48,115	48,980
<b>PRIVATE CONSTRUCTION</b> .....	33,084	35,328	36,180	36,588	37,140	37,440	37,272	33,988	33,947
Residential buildings (nonfarm) .....	16,764	19,476	20,184	20,580	21,444	21,804	21,732	17,019	17,884
Nonresidential buildings .....	8,904	8,472	8,604	8,592	8,256	8,208	8,184	9,556	8,720
Industrial .....	2,880	2,064	2,100	2,076	2,040	2,004	1,968	3,557	2,443
Commercial .....	3,456	3,552	3,624	3,660	3,456	3,444	3,516	3,564	3,561
Office buildings and warehouses .....	2,100	1,836	1,824	1,848	1,812	1,848	1,884	1,893	1,986
Stores, restaurants, and garages .....	1,356	1,716	1,800	1,812	1,644	1,596	1,632	1,671	1,575
Other nonresidential buildings .....	2,568	2,856	2,880	2,856	2,760	2,760	2,700	2,435	2,716
Farm construction .....	1,596	1,608	1,608	1,608	1,560	1,548	1,560	1,590	1,600
Public utilities .....	5,652	5,568	5,568	5,604	5,700	5,712	5,616	5,624	5,554
All other private .....	168	204	216	204	180	168	180	199	189
<b>PUBLIC CONSTRUCTION</b> .....	14,508	16,020	16,356	17,088	17,328	17,004	17,256	14,127	15,033
Residential buildings .....	732	948	984	1,032	1,128	1,140	1,128	506	832
Nonresidential buildings .....	4,488	4,872	4,740	4,896	4,788	4,476	4,692	4,503	4,622
Military facilities .....	1,140	1,416	1,440	1,500	1,560	1,548	1,560	1,322	1,235
Highways .....	5,316	5,640	6,060	6,456	6,708	6,624	6,684	4,971	5,350
Sewer and water systems .....	1,356	1,416	1,452	1,512	1,440	1,416	1,440	1,344	1,388
Sewer .....	816	876	888	936	900	888	900	781	837
Water .....	540	540	564	576	540	528	540	563	551
Public service enterprises .....	408	492	432	456	432	492	456	393	450
Conservation and development .....	948	1,056	1,044	984	1,044	1,032	1,044	971	1,004
All other public .....	120	180	204	252	228	276	252	117	152

Source: Departments of Commerce and Labor.

Chart 1.

## New Construction Put in Place

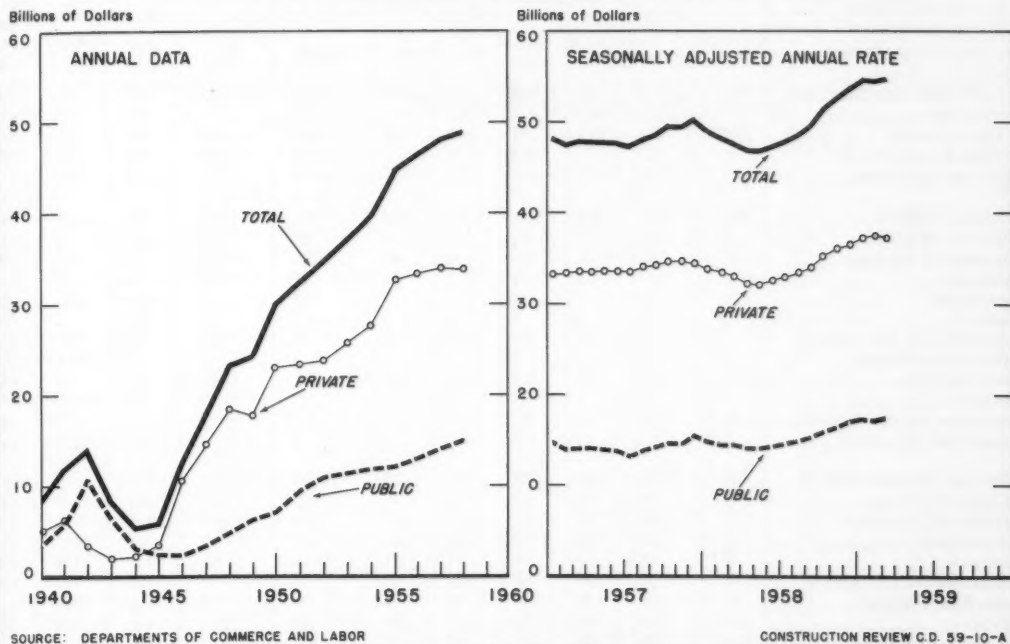


Table A-4: New Construction Put in Place: Value in 1947-49 Prices, by Type of Construction

(Millions of dollars)

Type of construction	1958			1959		Year				
	Feb.	Nov.	Dec.	Jan.	Feb.	1954	1955	1956	1957	1958
<b>TOTAL NEW CONSTRUCTION</b> .....	2,247	3,192	2,870	2,600	2,463	32,612	35,702	35,092	35,141	35,380
<b>PRIVATE CONSTRUCTION</b> .....	1,634	2,203	2,040	1,841	1,760	22,526	25,810	24,963	24,573	24,205
Residential buildings (nonfarm) .....	818	1,295	1,194	1,072	1,013	12,777	15,078	13,648	12,903	13,435
Nonresidential buildings .....	496	523	498	454	439	5,073	6,012	6,587	6,805	6,074
Industrial .....	177	124	123	120	116	1,690	1,946	2,304	2,506	1,721
Office buildings & warehouses ..	115	117	114	106	102	789	1,054	1,289	1,389	1,400
Stores, restaurants, & garages ..	68	109	97	78	78	998	1,472	1,441	1,186	1,085
Other nonresidential buildings ..	136	173	164	150	143	1,596	1,540	1,553	1,724	1,868
Farm construction .....	82	87	77	76	78	1,420	1,350	1,266	1,247	1,239
Public utilities .....	231	288	261	230	223	3,166	3,257	3,381	3,490	3,340
All other private .....	7	10	10	9	7	90	113	81	128	117
<b>PUBLIC CONSTRUCTION</b> .....	613	989	830	759	703	10,086	9,892	10,129	10,568	11,175
Residential buildings .....	42	63	65	67	68	281	213	225	383	626
Nonresidential buildings .....	219	258	246	242	220	3,738	3,291	3,016	3,191	3,191
Industrial .....	20	21	20	19	19	1,253	588	338	333	261
Educational .....	141	156	154	152	134	1,888	1,891	1,891	2,003	1,983
Hospital and institutional .....	17	25	22	20	20	286	249	220	248	276
Other nonresidential buildings ..	41	56	50	51	47	505	566	567	607	671
Military facilities .....	54	91	80	76	71	872	1,086	1,085	982	906
Highways .....	190	421	302	242	224	3,689	3,812	4,079	4,214	4,621
Sewer and water systems .....	57	72	66	64	59	724	769	859	865	858
Public service enterprises .....	12	20	17	16	14	133	157	240	232	260
Conservation and development .....	35	54	45	43	38	571	497	556	625	621
All other public .....	4	10	9	9	9	78	67	69	76	92

Source: Departments of Commerce and Labor.

## CONSTRUCTION REVIEW

Table A-5: New Public Construction Put in Place, by Source of Funds, Ownership, and Type of Construction

Source of funds, ownership, and type of construction	Value (in millions of dollars)								Percent change		
	1958			1959			First 3 months		Mar. 1959 from--		First 3 months, 1958-59
	Mar.	Nov.	Dec.	Jan.	Feb.	Mar.	1958	1959	Mar. 1958	Feb. 1959	
<b>TOTAL PUBLIC CONSTRUCTION</b> ....	932	1,329	1,137	1,056	975	1,094	2,686	3,125	+17	+12	+16
Federal funds.....	296	531	442	406	385	423	854	1,214	+43	+10	+42
Direct Federal.....	206	302	271	263	249	272	601	784	+32	+9	+30
Federal grants-in-aid <sup>1</sup> .....	90	229	171	143	136	151	253	430	+68	+11	+70
State and local funds.....	636	798	695	650	590	671	1,832	1,911	+6	+14	+4
<b>FEDERALLY OWNED</b> .....	206	302	271	263	249	272	601	784	+32	+9	+30
Residential buildings.....	24	39	43	46	48	48	69	142	+100	0	+106
Nonresidential buildings.....	41	50	46	46	44	49	116	139	+20	+11	+20
Industrial.....	29	30	28	28	27	29	86	84	0	+7	-2
Educational.....	1	1	1	1	1	2	1	4	+100	+100	+300
Hospital.....	2	4	3	3	3	3	7	9	+50	0	+29
Administrative and service.....	7	13	12	12	11	13	18	36	+86	+18	+100
Other nonresidential.....	2	2	2	2	2	2	4	6	0	0	+50
Military facilities.....	77	125	110	105	98	105	237	308	+36	+7	+30
Highways.....	5	9	7	5	4	5	15	14	0	+25	-7
Conservation and development.....	58	77	64	60	54	63	161	177	+9	+17	+10
All other federally owned.....	1	2	1	1	1	2	3	4	+100	+100	+33
<b>STATE AND LOCALLY OWNED</b> .....	726	1,027	866	793	726	822	2,085	2,341	+13	+13	+12
Residential buildings.....	36	45	45	45	44	45	106	134	+25	+2	+26
Nonresidential buildings.....	309	329	315	310	278	317	889	905	+3	+14	+2
Educational.....	221	228	226	222	196	217	647	635	-2	+11	-2
Hospital.....	27	33	29	27	26	31	71	84	+15	+19	+18
Administrative and service.....	29	34	29	30	28	35	79	93	+21	+25	+18
Other nonresidential.....	32	34	31	31	28	34	92	93	+6	+21	+1
Highways.....	230	476	343	280	261	290	670	831	+26	+11	+24
Sewer and water systems.....	105	117	109	105	96	111	295	312	+6	+16	+6
Sewer.....	62	72	69	66	60	68	175	194	+10	+13	+11
Water.....	43	45	40	39	36	43	120	118	0	+19	-2
All other State and locally owned.....	46	60	54	53	47	59	125	159	+28	+26	+27

Source: Departments of Commerce and Labor.

<sup>1</sup> Construction programs currently receiving Federal grants-in-aid cover highways, schools, hospitals, airports, and miscellaneous community facilities.



# Part B—Housing

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Table B-1: New Nonfarm Dwelling Units Started, by Ownership, Location, and Type of Structure

Period	Total	Ownership		Location <sup>1</sup>		Type of structure			
		Private	Public	Metro- politan <sup>2</sup>	Nonmetro- politan <sup>2</sup>	1-family houses	Units in 2-or-more family structures		
							All	2-4 family	5-or-more family
NUMBER OF NEW DWELLING UNITS (in thousands)									
Year: 1951.....	1,091.3	1,020.1	71.2	776.8	314.5	900.1	191.2	(3)	(3)
1952.....	1,127.0	1,068.5	58.5	794.9	332.1	942.5	184.5	(3)	(3)
1953.....	1,103.8	1,068.3	35.5	803.5	300.3	937.8	166.0	(3)	(3)
1954.....	1,220.4	1,201.7	18.7	896.9	323.5	1,077.9	142.5	51.9	90.6
1955.....	1,328.9	1,309.5	19.4	975.8	353.1	1,194.4	134.5	49.2	85.3
1956.....	1,118.1	1,093.9	24.2	779.8	338.3	989.7	128.4	46.4	82.0
1957.....	1,041.9	992.8	49.1	699.7	342.2	872.7	169.2	51.8	117.4
1958.....	1,209.1	1,141.5	67.6	826.8	382.3	(4)	(4)	(4)	(4)
First 2 months, 1958.....	134.0	123.9	10.1	88.9	45.1	107.0	27.0	7.9	19.1
First 2 months, 1959.....	175.0	171.2	3.8	122.3	52.7	(4)	(4)	(4)	(4)
1958: February.....	66.1	61.0	5.1	44.4	21.7	53.0	13.1	4.0	9.1
March.....	81.4	77.3	4.1	54.8	26.6	65.1	16.3	4.9	11.4
April.....	99.1	94.2	4.9	67.4	31.7	78.8	20.3	5.2	15.1
May.....	108.5	101.3	7.2	73.9	34.6	87.5	21.0	5.6	15.4
June.....	112.9	101.3	11.6	76.8	36.1	93.6	19.3	5.1	14.2
July.....	112.8	108.6	4.2	80.6	32.2	90.6	22.2	5.3	16.9
August.....	124.0	114.6	9.4	82.8	41.2	102.9	21.1	6.0	15.1
September.....	121.0	110.9	10.1	85.0	36.0	98.9	22.1	5.8	16.3
October.....	115.0	112.9	2.1	79.1	35.9	95.0	20.0	5.7	14.3
November.....	109.4	107.0	2.4	73.9	35.5	85.1	24.3	6.1	18.2
December.....	91.0	89.5	1.5	63.6	27.4	(4)	(4)	(4)	(4)
1959: January.....	86.0	83.3	2.7	60.8	25.2	(4)	(4)	(4)	(4)
February.....	89.0	87.9	1.1	61.5	27.5	(4)	(4)	(4)	(4)
Percent change									
First 2 months, 1958-59.....	+30.6	+38.2	-62.4	+37.6	+16.9	--	--	--	--
January-February 1959.....	+3.5	+5.5	-59.3	+1.2	+9.1	--	--	--	--
February, 1958-59.....	+34.6	+44.1	-78.4	+38.5	+26.7	--	--	--	--
PERCENT DISTRIBUTION									
Year: 1951.....	100	93.5	6.5	71.2	28.8	82.5	17.5	--	--
1952.....	100	94.8	5.2	70.5	29.5	83.6	16.4	--	--
1953.....	100	96.8	3.2	72.8	27.2	85.0	15.0	--	--
1954.....	100	98.5	1.5	73.5	26.5	88.3	11.7	4.3	7.4
1955.....	100	98.5	1.5	73.4	26.6	89.9	10.1	3.7	6.4
1956.....	100	97.8	2.2	69.7	30.3	88.5	11.5	4.2	7.3
1957.....	100	95.3	4.7	67.2	32.8	83.8	16.2	5.0	11.2
1958.....	100	94.4	5.6	68.4	31.6	--	--	--	--
First 2 months, 1958.....	100	92.5	7.5	66.3	33.7	79.9	20.1	5.9	14.2
First 2 months, 1959.....	100	97.8	2.2	69.9	30.1	(4)	(4)	(4)	(4)
1958: February.....	100	92.3	7.7	67.2	32.8	80.2	19.8	6.1	13.7
March.....	100	95.0	5.0	67.3	32.7	80.0	20.0	6.0	14.0
April.....	100	95.1	4.9	68.0	32.0	79.5	20.5	5.3	15.2
May.....	100	93.4	6.6	68.1	31.9	80.6	19.4	5.2	14.2
June.....	100	89.7	10.3	68.0	32.0	82.9	17.1	4.5	12.6
July.....	100	96.3	3.7	71.5	28.5	80.3	19.7	4.7	15.0
August.....	100	92.4	7.6	66.8	33.2	83.0	17.0	4.8	12.2
September.....	100	91.7	8.3	70.2	29.8	81.7	18.3	4.8	13.5
October.....	100	98.2	1.8	68.8	31.2	82.6	17.4	5.0	12.4
November.....	100	97.8	2.2	67.6	32.4	77.8	22.2	5.6	16.6
December.....	100	98.4	1.6	69.9	30.1	--	--	--	--
1959: January.....	100	96.9	3.1	70.7	29.3	--	--	--	--
February.....	100	98.8	1.2	69.1	30.9	--	--	--	--

Source: Department of Labor.

<sup>1</sup> Data by urban and rural-nonfarm classification for 1920-53 are available upon request.

<sup>2</sup> Annual data

not available before 1950; monthly data not available before January 1953.

<sup>3</sup> Not available before January 1954. Tabulations showing

the number of units in 2-family and 3-or-more family structures for 1920-53 are available upon request.

<sup>4</sup> Not yet available.

## CONSTRUCTION REVIEW

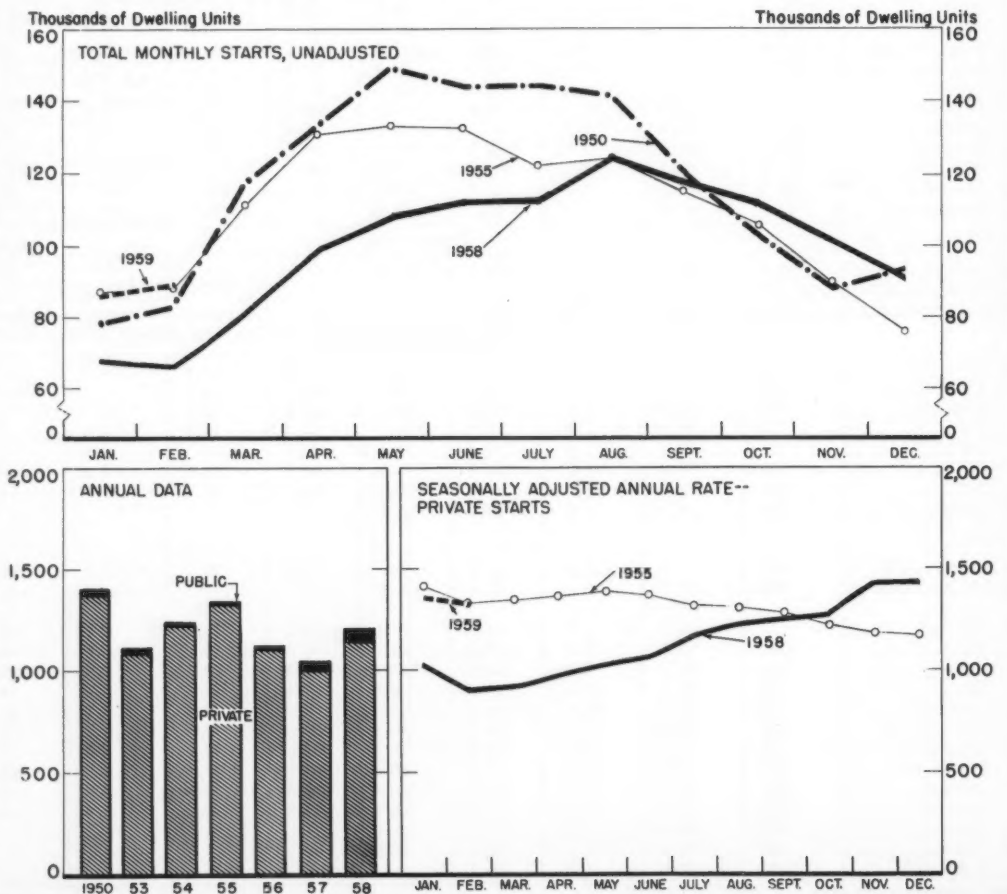
Table B-2: New Private Nonfarm Dwelling Units Started: Seasonally Adjusted Annual Rate

Year	Number of new dwelling units (in thousands)											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1948 .....	928	813	950	1,027	997	993	975	897	863	802	806	813
1949 .....	800	779	803	892	911	935	964	1,028	1,092	1,149	1,244	1,266
1950 .....	1,310	1,300	1,405	1,382	1,457	1,482	1,468	1,486	1,271	1,142	1,107	1,292
1951 .....	1,360	1,171	1,071	975	984	941	918	961	1,054	1,012	970	973
1952 .....	1,001	1,112	1,072	1,028	1,029	1,016	1,080	1,066	1,101	1,131	1,104	1,097
1953 .....	1,104	1,092	1,128	1,134	1,083	1,071	1,036	1,007	1,029	1,034	1,068	1,039
1954 .....	1,051	1,100	1,103	1,116	1,102	1,180	1,220	1,226	1,273	1,275	1,376	1,443
1955 .....	1,410	1,324	1,349	1,363	1,381	1,372	1,316	1,311	1,285	1,214	1,176	1,174
1956 .....	1,195	1,127	1,094	1,157	1,146	1,091	1,070	1,136	1,008	1,052	1,027	1,020
1957 .....	962	935	933	962	994	995	1,015	1,056	1,012	1,020	1,009	1,000
1958 .....	1,020	915	918	983	1,039	1,057	1,174	1,228	1,255	1,303	1,427	1,430
1959 .....	1,350	1,320										

Source: Department of Labor.

Chart 3.

## Housing Starts (Unadjusted and Seasonally Adjusted)



SOURCE: DEPARTMENT OF LABOR.

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# CONSTRUCTION REVIEW

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Table B-3: New Private 1-Family Houses Started: Average Construction Cost

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
AVERAGE CONSTRUCTION COST													
1946.....	\$5,250	\$5,400	\$5,850	\$5,575	\$5,475	\$5,425	\$5,375	\$5,450	\$5,450	\$5,625	\$5,675	\$5,575	\$5,525
1947.....	5,700	5,825	6,150	6,275	6,250	6,450	6,725	6,950	7,025	7,275	7,525	7,650	6,750
1948.....	7,250	7,450	7,550	7,775	7,950	8,050	8,050	8,100	7,900	7,825	7,900	7,900	7,850
1949.....	7,650	7,525	7,450	7,500	7,650	7,675	7,525	7,650	7,725	7,675	7,675	7,625	7,625
1950.....	7,625	7,850	8,225	8,450	8,450	8,750	8,875	9,125	8,900	9,200	9,075	9,200	8,675
1951.....	9,100	9,250	9,175	9,325	9,475	9,475	9,400	9,300	9,450	9,225	9,250	9,125	9,300
1952.....	9,050	9,275	9,350	9,550	9,575	9,675	9,500	9,425	9,600	9,525	9,550	9,525	9,475
1953.....	9,400	9,600	9,800	10,000	9,900	10,000	10,125	10,175	10,200	10,175	9,975	10,000	9,950
1954.....	9,750	9,800	10,075	10,600	10,850	10,750	10,850	10,750	10,675	10,800	10,850	11,075	10,625
1955.....	10,575	11,125	11,250	11,250	11,400	11,400	11,475	11,425	11,525	11,575	11,575	11,625	11,350
1956.....	11,325	11,750	12,150	12,275	12,300	12,300	12,375	12,275	12,325	12,425	12,675	12,350	12,225
1957.....	12,600	12,800	12,950	13,025	13,250	13,150	13,050	12,925	13,075	13,375	13,000	12,925	13,025
1958.....	12,775	12,875	13,000	13,100	13,150	13,025	13,025	12,550	12,925	13,125	12,925		
Percent change, 1957 to 1958													
	+1.4	+0.6	+0.4	+0.6	-0.8	-1.0	-0.2	-2.9	-1.1	-1.9	-0.6		

Source: Department of Labor.

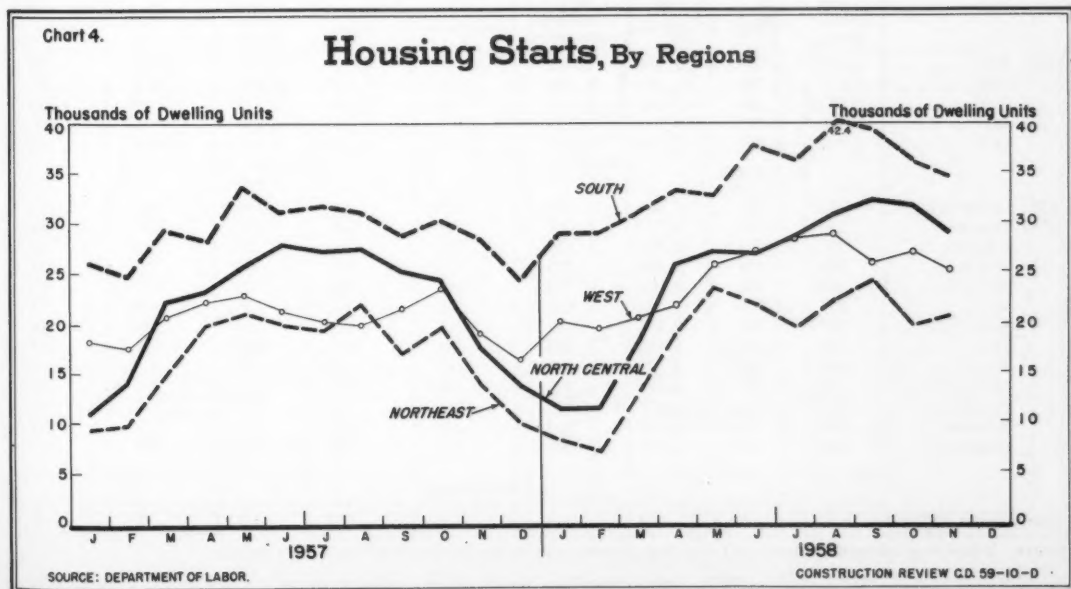
Table B-4: New Nonfarm Dwelling Units Started, by Region<sup>1</sup>

Region	Number of new dwelling units (in thousands)											Percent change, 1st 11 mos. 1957-58
	1957	1958									First 11 months	
	Nov.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	1957	1958	
TOTAL.....	78.2	99.1	108.5	112.9	112.8	124.0	121.0	115.0	109.4	978.5	1,118.1	+14.3
Northeast.....	13.8	18.9	23.4	21.5	19.6	22.2	24.0	19.9	20.8	185.7	197.7	+6.5
North Central...	17.4	25.7	27.0	26.7	28.6	30.7	32.3	31.8	28.9	244.9	271.9	+11.0
South.....	28.2	33.0	32.6	37.7	36.2	42.4	39.3	36.3	34.6	322.3	380.2	+18.0
West.....	18.8	21.5	25.5	27.0	28.4	28.7	25.4	27.0	25.1	225.6	268.3	+18.9

Source: Department of Labor.

<sup>1</sup> Composition of regions, and nonfarm population distribution by region, are shown below table A-2.

(NOTE: Table B-5, New Nonfarm Dwelling Units Started in Selected States, is shown quarterly in the February, May, August, and November issues.)



## CONSTRUCTION REVIEW

Table B-6: New Private Dwelling Units: Volume in Successive Stages of FHA and VA Programs

Period	Number (in thousands) of new dwelling units in--								Percent of total private starts under inspection of--	
	FHA applications		VA appraisal requests	Starts under inspection of--		FHA mortgages insured		VA loans closed	FHA	VA
	Total	Excluding Capehart <sup>1</sup>		FHA	VA	Total	Excluding Capehart <sup>1</sup>			
Year: 1954 .....	383.3	383.3	535.4	276.3	307.0	150.1	150.1	243.1	23	26
1955 .....	314.9	313.5	620.8	276.7	392.9	139.8	139.8	387.6	21	30
1956 .....	227.6	219.4	401.5	189.3	270.7	116.2	110.9	313.5	17	25
1957 .....	266.1	229.7	159.4	168.4	128.3	118.0	92.6	218.8	17	13
1958 .....	434.1	395.9	234.2	295.4	102.1	198.7	157.0	94.0	26	9
1958: February .....	23.4	23.2	5.3	11.3	2.8	12.4	10.7	9.1	19	5
March .....	37.1	32.7	8.4	16.5	3.1	14.8	11.6	7.7	21	4
April .....	37.6	35.0	24.8	22.7	4.8	13.8	12.1	5.1	24	5
May .....	44.4	38.4	29.2	26.0	6.0	12.8	10.4	4.1	26	6
June .....	44.7	38.7	28.4	28.0	8.5	18.9	12.7	5.0	28	8
July .....	47.6	37.9	28.5	29.7	10.6	17.4	13.8	5.9	27	10
August .....	43.7	39.6	28.5	30.5	13.2	21.8	12.4	6.5	27	12
September .....	42.1	41.4	26.7	31.9	14.4	22.3	14.5	7.7	29	13
October .....	38.7	37.9	19.1	34.7	14.7	17.8	16.1	10.1	31	13
November .....	26.0	26.0	15.3	25.8	11.0	15.8	15.5	9.8	24	10
December .....	26.2	25.9	14.8	25.0	9.0	17.1	16.7	12.7	28	10
1959: January .....	29.5	28.8	17.9	19.8	6.9	19.8	19.1	14.1	24	8
February .....	35.8	34.6	21.0	20.1	6.2	(2)	(2)	(2)	23	7
First 2 months:										
1958 .....	46.0	42.5	10.6	24.7	6.8	26.1	21.1	19.5	20	5
1959 .....	65.4	63.3	38.9	39.9	13.1	(2)	(2)	(2)	23	8
Percent change, 1958-59 .....	+42.1	+49.0	+268.6	+61.8	+91.4	--	--	--	--	--

Source: Table compiled by Department of Labor from data reported by the Federal Housing Administration (FHFA) and the Veterans Administration. <sup>1</sup> Excludes units under the armed services (Capehart) housing program, which are classified as public and whose inspection while under construction is under the auspices of the Department of Defense. <sup>2</sup> Not available.

Table B-7: Nonfarm Mortgage Recordings of \$20,000 or Less: Number and Average Amount, and Total Amount by Type of Lender

Period	Total number (in thousands)	Average amount (dollars)	Total amount (in millions of dollars) recorded by--					
			All lenders	Savings and loan associations	Insurance companies	Commercial banks	Mutual savings banks	Individuals and all other lenders
Year: 1954 .....	3,458	6,644	22,974	8,312	1,768	4,239	1,501	2,882
1955 .....	3,913	7,279	28,484	10,452	1,932	5,617	1,858	3,362
1956 .....	3,602	7,521	27,088	9,532	1,799	5,458	1,824	3,558
1957 .....	3,246	7,469	24,244	9,217	1,472	4,264	1,430	3,554
1958 .....	3,441	7,959	27,388	10,516	1,460	5,204	1,640	3,435
1957: December .....	243	7,631	1,851	666	125	325	112	260
1958: January .....	237	7,512	1,782	627	111	322	98	280
February .....	227	7,491	1,701	638	101	304	87	253
March .....	250	7,450	1,866	705	108	345	94	270
April .....	268	7,536	2,022	787	105	385	103	278
May .....	279	7,722	2,151	845	113	418	120	283
June .....	287	7,916	2,275	910	110	429	140	279
July .....	318	8,000	2,543	986	125	492	165	308
August .....	312	8,120	2,535	995	130	476	169	292
September .....	318	8,156	2,596	1,022	136	493	170	296
October .....	342	8,341	2,857	1,087	150	558	175	324
November .....	292	8,333	2,432	932	128	474	154	273
December .....	309	8,494	2,629	983	143	508	165	299
Percent change								
Annual totals, 1957-58	+ 6	+ 7	+13	+14	- 1	+22	+15	- 3

Source: Table compiled by Department of Labor from data reported by the Federal Home Loan Bank Board.

(NOTE: Tables B-8 and B-9, Housing Vacancy Rates, are shown quarterly in the February, May, August, and November issues.)

# Part C--Building Permits

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Table C-1: Building Permit Activity: Current Summary, by Type of Building Construction

Type of building construction	Valuation (in millions of dollars)						Percent change	
	1959	1958			Year		Jan. 1958-59	Year 1957-58
	Jan.	Dec.	Nov.	Jan.	1958	1957		
All building construction <sup>1</sup>	1,371.7	1,334.0	1,493.7	1,156.8	20,068.8	18,168.8	+19	+10
Private	1,177.4	1,148.9	1,358.3	997.6	17,290.2	16,002.7	+18	+8
Public	194.3	185.1	135.4	159.2	2,778.6	2,166.1	+22	+28
New dwelling units <sup>2</sup>	738.3	732.0	897.2	565.6	10,789.1	9,229.1	+31	+17
Number of new dwelling units	(71,614)	(69,130)	(82,735)	(54,218)	(1,002,031)	(848,020)	(+30)	(+18)
New nonresidential building	489.1	462.4	454.7	437.0	7,158.7	6,851.2	+12	+4
Commercial buildings	205.0	162.3	153.7	140.8	2,447.4	2,224.6	+46	+10
Stores and other mercantile buildings	87.6	70.5	68.9	60.1	998.2	892.0	+46	+12
All other commercial buildings	117.4	91.8	84.8	80.7	1,449.2	1,332.6	+45	+9
Community buildings	170.7	181.6	185.5	168.7	2,679.0	2,487.5	+1	+8
Industrial buildings	48.2	47.9	55.4	64.1	864.6	1,092.3	-25	-21
All other nonresidential buildings	65.2	70.7	60.0	63.4	1,167.8	1,046.8	+3	+12
Additions and alterations	126.1	124.6	126.9	139.0	1,915.6	1,904.3	-9	+1

Source: Department of Labor.

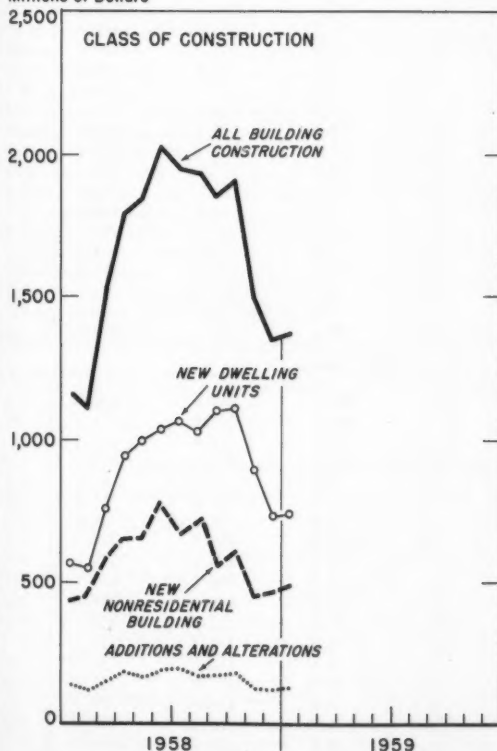
<sup>1</sup> Includes new nonhousekeeping residential building, not shown separately.

<sup>2</sup> Housekeeping only.

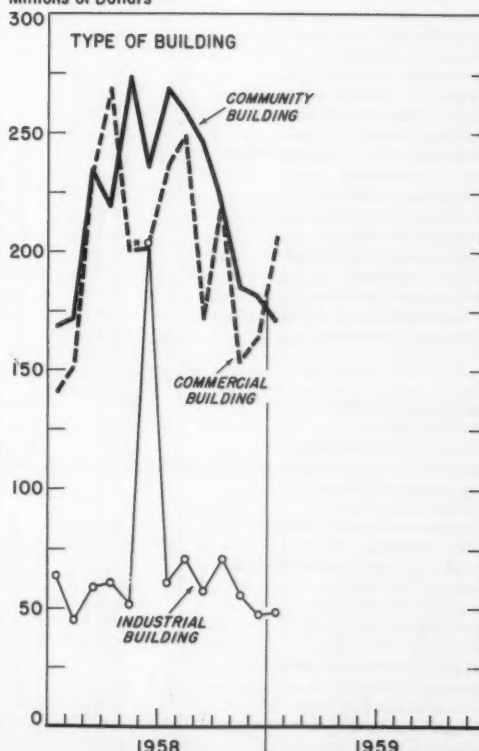
Chart 5.

## Building Permit Activity

Millions of Dollars



Millions of Dollars



SOURCE: DEPARTMENT OF LABOR.

\*See footnote 3 to table C-9.

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## CONSTRUCTION REVIEW

Table C-2: Building Permit Activity: Valuation, by Type of Building Construction and Region<sup>1</sup>

Type of building construction	Valuation (in millions of dollars)						Percent change, year 1957-58
	1957	1958				Year	
	Dec.	Oct.	Nov.	Dec.	1957	1958	
UNITED STATES							
All building construction <sup>2</sup>	1,100.8	1,907.7	1,493.7	1,334.0	18,168.8	20,068.8	+10
New dwelling units	536.8	1,108.0	897.2	732.0	9,229.1	10,789.1	+17
New nonresidential building	436.2	603.2	454.7	462.4	6,851.2	7,158.7	+4
Commercial buildings	151.4	219.2	153.7	162.3	2,224.6	2,447.4	+10
Amusement buildings	11.6	12.8	12.3	11.3	139.8	192.9	+38
Commercial garages	2.1	4.5	1.5	1.7	57.5	56.0	-3
Gasoline and service stations	9.9	11.4	8.8	8.9	159.2	125.5	-21
Office buildings	67.4	106.5	62.3	69.9	976.1	1,074.7	+10
Stores and other mercantile bldgs.	60.3	83.9	68.9	70.5	892.0	998.2	+12
Community buildings	165.8	224.1	185.5	181.6	2,487.5	2,679.0	+8
Educational buildings	111.1	149.3	109.0	99.7	1,497.2	1,639.3	+9
Institutional buildings	27.3	33.0	40.5	50.0	525.0	569.2	+8
Religious buildings	27.3	41.7	36.0	31.8	465.4	470.3	+1
Garages, private residential	6.3	21.4	13.1	6.0	200.5	178.7	-11
Industrial buildings	63.8	71.7	55.4	47.9	1,092.3	864.6	-21
Public utilities buildings	22.1	34.1	21.7	27.2	424.3	424.6	(4)
All other nonresidential buildings	26.7	32.7	25.2	37.4	422.0	564.5	+34
Additions and alterations	106.4	176.1	126.9	124.6	1,904.3	1,915.6	+1
Northeast							
All building construction <sup>2</sup>	219.4	358.4	324.8	268.9	3,886.1	3,908.9	+1
New dwelling units <sup>3</sup>	102.1	199.2	191.4	131.2	1,864.8	2,035.6	+9
New nonresidential building	89.8	118.8	101.0	109.5	1,556.8	1,443.3	-7
Commercial buildings	30.4	32.9	33.7	57.4	567.7	479.3	-16
Amusement buildings	2.0	4.5	2.4	2.3	30.6	42.4	+39
Commercial garages	.4	2.3	.4	.7	14.7	28.4	+93
Gasoline and service stations	2.0	1.3	1.8	1.3	29.7	20.1	-32
Office buildings	15.7	4.8	14.1	37.4	323.1	208.4	-35
Stores and other mercantile bldgs.	10.4	20.0	14.9	15.7	169.7	180.0	+6
Community buildings	39.2	56.7	45.6	32.2	577.8	566.3	-2
Educational buildings	24.7	39.2	28.0	15.9	366.8	352.8	-4
Institutional buildings	9.7	6.7	12.9	6.3	119.4	117.8	-1
Religious buildings	4.8	10.8	4.7	10.0	91.5	95.6	+4
Garages, private residential	1.4	4.4	3.0	1.4	41.0	37.3	-9
Industrial buildings	8.5	15.1	12.7	10.8	210.0	175.9	-16
Public utilities buildings	2.5	4.0	3.0	4.1	81.5	88.9	+9
All other nonresidential buildings	7.8	5.8	3.1	3.5	78.8	95.6	+21
Additions and alterations	23.5	36.7	28.9	25.4	424.8	398.9	-6
North Central							
All building construction <sup>2</sup>	319.1	575.9	438.7	306.3	5,283.5	5,530.2	+5
New dwelling units <sup>3</sup>	131.8	336.8	261.7	157.5	2,645.9	2,911.4	+10
New nonresidential building	156.7	184.4	142.4	120.3	2,103.8	2,095.2	(4)
Commercial buildings	55.5	58.8	37.5	27.9	555.1	572.0	+3
Amusement buildings	4.6	2.8	4.3	2.8	44.5	60.7	+36
Commercial garages	.2	.8	.3	.1	17.2	11.3	-34
Gasoline and service stations	2.5	3.7	2.3	2.5	50.1	37.9	-24
Office buildings	35.9	28.4	11.2	7.9	210.0	205.3	-2
Stores and other mercantile bldgs.	12.3	23.1	19.3	14.6	233.4	256.7	+10
Community buildings	50.9	75.4	69.1	65.3	765.7	861.5	+13
Educational buildings	36.3	45.3	36.1	32.9	443.1	489.3	+10
Institutional buildings	7.9	16.0	19.5	25.7	164.2	219.9	+34
Religious buildings	6.7	14.1	13.5	6.6	158.3	152.1	-4
Garages, private residential	2.4	12.2	6.4	1.7	110.0	92.7	-16
Industrial buildings	34.1	23.6	13.6	15.1	437.9	369.7	-16
Public utilities buildings	7.9	8.1	8.9	4.8	156.0	86.3	-45
All other nonresidential buildings	5.9	6.4	7.0	5.5	79.1	113.0	+43
Additions and alterations	25.5	50.6	31.4	26.8	499.9	491.2	-2

See footnotes at end of table.

# CONSTRUCTION REVIEW

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Table C-2: Building Permit Activity: Valuation, by Type of Building Construction and Region<sup>1</sup>--Continued

Type of building construction	Valuation (in millions of dollars)						Percent change, year 1957-58
	1957	1958			Year		
	Dec.	Oct.	Nov.	Dec.	1957	1958	
	South						
All building construction <sup>2</sup>	291.6	516.2	382.0	365.0	4,627.0	5,418.7	+17
New dwelling units <sup>3</sup>	156.8	283.1	218.7	202.7	2,370.0	2,919.1	+23
New nonresidential building	94.3	181.5	123.0	123.1	1,668.3	1,902.8	+14
Commercial buildings	37.9	85.8	54.9	38.1	638.0	763.5	+20
Amusement buildings	2.1	3.4	2.3	2.2	34.6	45.4	+31
Commercial garages	.9	.7	.3	.1	12.3	7.5	-39
Gasoline and service stations	3.4	3.5	2.7	2.8	50.7	40.0	-21
Office buildings	7.4	55.5	28.1	9.6	264.2	346.8	+31
Stores and other mercantile bldgs.	24.1	22.6	21.4	23.3	276.2	323.8	+17
Community buildings	35.3	50.8	44.7	54.8	628.8	723.5	+15
Educational buildings	22.4	36.6	30.1	31.4	351.4	442.7	+26
Institutional buildings	4.2	3.8	3.5	13.6	137.0	137.0	0
Religious buildings	8.6	10.3	11.1	9.7	140.3	143.8	+2
Garages, private residential	1.0	2.0	1.6	1.0	19.4	19.8	+2
Industrial buildings	11.5	17.1	8.8	9.3	198.2	137.7	-31
Public utilities buildings	3.8	15.0	8.1	12.9	97.3	133.1	+37
All other nonresidential buildings	4.8	10.8	5.0	7.0	86.7	125.2	+44
Additions and alterations	30.4	48.2	35.9	34.3	520.7	531.2	+2
	West						
All building construction <sup>2</sup>	270.7	457.2	348.3	393.7	4,372.3	5,210.9	+19
New dwelling units	146.1	288.9	225.5	240.6	2,348.4	2,923.0	+24
New nonresidential building	95.4	118.4	88.2	109.6	1,522.4	1,717.5	+13
Commercial buildings	27.6	41.7	27.7	38.9	463.8	632.7	+36
Amusement buildings	2.9	2.0	3.3	3.9	30.2	44.4	+47
Commercial garages	.6	.7	.4	.7	13.4	8.8	-34
Gasoline and service stations	2.1	2.9	2.0	2.3	28.7	27.6	-4
Office buildings	8.5	17.8	8.9	15.1	178.7	314.2	+76
Stores and other mercantile bldgs.	13.5	18.3	13.2	16.9	212.8	237.8	+12
Community buildings	40.3	41.1	26.2	29.3	515.3	527.7	+2
Educational buildings	27.6	28.2	14.9	19.4	335.8	354.5	+6
Institutional buildings	5.6	6.5	4.6	4.4	104.3	94.4	-9
Religious buildings	7.2	6.5	6.7	5.5	75.2	78.8	+5
Garages, private residential	1.5	2.7	2.1	2.0	30.1	29.0	-4
Industrial buildings	9.7	16.0	20.3	12.7	246.3	181.3	-26
Public utilities buildings	8.0	7.0	1.7	5.4	89.5	116.2	+30
All other nonresidential buildings	8.3	9.8	10.1	21.4	177.4	230.7	+30
Additions and alterations	27.1	40.6	30.7	38.0	458.9	494.1	+8

Source: Department of Labor. <sup>1</sup> Composition of regions, and nonfarm population distribution by region, are shown below table A-2. <sup>2</sup> Includes new nonhousekeeping residential building, not shown separately. <sup>3</sup> Housekeeping only. <sup>4</sup> Change of less than one-half of 1 percent.

Table C-3: Building Permit Activity: Number of Nonresidential Buildings, by Type of Building

Type of building	1957	1958							
	Dec.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Amusement buildings.....	175	345	300	251	240	261	212	207	179
Commercial garages.....	101	73	62	97	91	96	121	91	51
Educational buildings.....	296	472	529	435	425	351	417	268	271
Garages, private residential.....	6,480	19,726	19,983	20,430	20,737	23,005	21,902	13,181	5,827
Gasoline and service stations.....	584	683	669	717	688	660	739	559	540
Industrial buildings.....	914	965	992	1,041	1,056	1,134	1,309	1,011	880
Institutional buildings.....	89	153	139	165	119	128	125	92	105
Office buildings.....	455	673	673	774	722	649	749	528	509
Religious buildings.....	320	599	569	608	530	540	583	432	382
Stores and other mercantile buildings.....	1,499	2,432	2,384	2,416	2,276	2,305	2,444	1,977	1,712

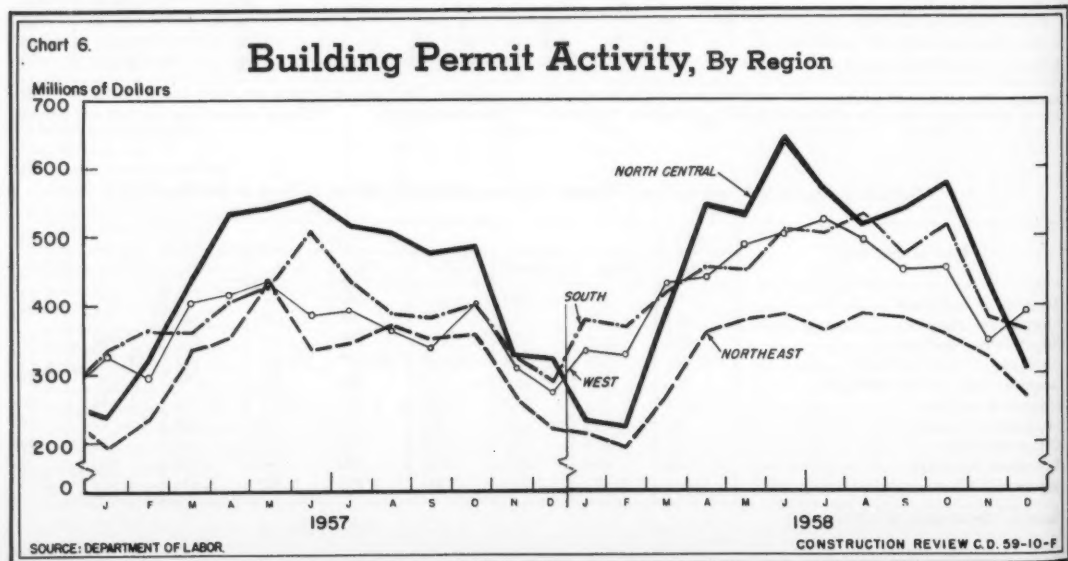
Source: Department of Labor.

## CONSTRUCTION REVIEW

Table C-4: Building Permit Activity: Valuation and Number of New Dwelling Units, by Type of Structure, Public-Private Ownership, and Region<sup>1</sup>

(Housekeeping units only)

Ownership and type of structure	Valuation (in millions of dollars)					Number of dwelling units				
	1957		1958		Year	1957		1958		Year
	Dec.	Nov.	Dec.	1957	1958	Dec.	Nov.	Dec.	1957	1958
	UNITED STATES									
All new dwelling units ..	536.8	897.2	732.0	9,229.1	10,789.1	49,969	82,735	69,130	848,020	1,002,031
Privately owned .....	525.3	875.0	716.6	8,938.9	10,302.6	48,813	80,775	67,700	820,398	959,315
1-family .....	451.7	732.9	599.2	7,923.0	8,885.2	38,229	60,369	50,243	668,914	748,041
2-4 family .....	23.6	38.4	32.0	340.4	418.7	3,464	5,336	4,687	49,490	60,089
5-or-more family .....	50.0	103.6	85.5	675.5	998.8	7,120	15,070	12,770	101,994	151,185
Publicly owned .....	11.5	22.2	15.4	290.2	486.5	1,156	1,960	1,430	27,622	42,716
	Northeast									
All new dwelling units ..	102.1	191.4	131.2	1,864.8	2,035.6	8,707	17,261	11,884	162,306	181,229
Privately owned .....	94.0	171.2	121.7	1,778.1	1,857.3	7,902	15,489	11,059	153,920	165,580
1-family .....	80.4	138.6	92.6	1,569.9	1,532.3	6,414	10,765	7,137	127,279	123,334
2-4 family .....	5.2	7.2	6.1	64.8	76.2	591	948	803	8,780	10,170
5-or-more family .....	8.4	25.5	23.0	143.4	248.8	897	3,776	3,119	17,861	32,076
Publicly owned .....	8.1	20.2	9.5	86.7	178.3	805	1,772	825	8,386	15,649
	North Central									
All new dwelling units ..	131.8	261.7	157.5	2,645.9	2,911.4	10,375	20,727	12,600	207,345	231,268
Privately owned .....	130.9	259.6	157.5	2,608.9	2,840.0	10,277	20,539	12,600	203,568	224,813
1-family .....	113.5	222.9	137.8	2,388.4	2,567.9	8,304	16,197	10,208	177,469	191,244
2-4 family .....	6.0	11.2	6.7	105.0	110.4	675	1,275	771	11,355	12,640
5-or-more family .....	11.4	25.5	13.0	115.4	161.6	1,298	3,067	1,621	14,744	20,929
Publicly owned .....	.8	2.1	0	37.0	71.5	98	188	0	3,777	6,455
	South									
All new dwelling units ..	156.8	218.7	202.7	2,370.0	2,919.1	16,261	22,655	21,113	244,558	302,935
Privately owned .....	154.3	218.7	197.3	2,253.5	2,792.0	16,008	22,655	20,541	233,206	290,762
1-family .....	140.2	187.7	175.4	2,077.9	2,522.3	13,623	17,873	16,701	201,696	242,891
2-4 family .....	4.9	6.9	5.5	59.6	76.6	967	1,181	1,129	11,619	14,222
5-or-more family .....	9.2	24.0	16.3	116.0	192.9	1,418	3,601	2,711	19,891	33,649
Publicly owned .....	2.5	0	5.4	116.6	127.1	253	0	572	11,352	12,173
	West									
All new dwelling units ..	146.1	225.5	240.6	2,348.4	2,923.0	14,626	22,092	23,533	233,811	286,599
Privately owned .....	146.1	225.5	240.2	2,298.4	2,813.5	14,626	22,092	23,500	229,704	278,160
1-family .....	117.5	183.8	193.4	1,886.8	2,262.6	9,888	15,534	16,197	162,470	190,572
2-4 family .....	7.5	13.2	13.7	111.0	155.6	1,231	1,932	1,984	17,736	23,057
5-or-more family .....	21.0	28.6	33.1	300.6	395.3	3,507	4,626	5,319	49,498	64,531
Publicly owned .....	0	0	.4	49.9	109.6	0	0	33	4,107	8,439

Source: Department of Labor. <sup>1</sup> Composition of regions, and nonfarm population distribution by region, are shown below table A-2.

## CONSTRUCTION REVIEW

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Table C-5: Building Permit Activity: Total Valuation, by Metropolitan-Nonmetropolitan Location and by State

State	Valuation (in millions of dollars)								Percent change, 1st 11 mos. 1957-58
	1957	1958					First 11 months		
	Nov.	July	Aug.	Sept.	Oct.	Nov.	1957	1958	
ALL STATES .....	1,235.3	1,952.6	1,942.0	1,857.3	1,907.7	1,493.7	17,068.0	18,734.8	+10
Metropolitan areas .....	962.4	1,533.0	1,533.2	1,446.4	1,493.7	1,175.0	13,267.0	14,661.0	+11
Nonmetropolitan areas .....	272.9	419.6	408.8	410.9	414.0	318.7	3,801.0	4,073.8	+7
Alabama .....	15.6	22.8	23.9	18.8	21.1	16.3	174.2	220.0	+26
Arizona .....	15.1	23.6	39.9	23.4	26.0	18.3	211.6	267.6	+26
Arkansas .....	4.4	7.0	6.6	7.5	7.5	4.1	67.3	71.0	+5
California .....	219.5	373.2	313.8	298.7	301.2	240.2	2,860.2	3,230.8	+13
Colorado .....	17.6	27.9	27.4	25.5	26.3	24.0	245.9	284.6	+16
Connecticut .....	27.9	32.0	33.1	35.4	32.6	27.6	372.2	309.7	-17
Delaware .....	4.5	8.4	13.1	7.6	8.3	5.9	66.5	79.7	+20
District of Columbia .....	13.7	12.6	42.9	10.3	10.5	21.3	130.7	215.2	+65
Florida .....	73.4	88.9	76.7	81.6	93.0	65.0	871.0	874.9	(1)
Georgia .....	15.3	24.4	23.7	26.4	24.3	28.4	235.3	293.0	+25
Idaho .....	2.5	4.6	4.5	3.9	4.0	5.0	36.4	42.6	+17
Illinois .....	73.6	130.0	106.5	115.0	122.9	114.8	1,146.2	1,293.4	+13
Indiana .....	19.3	33.2	33.3	43.3	40.6	28.8	399.5	353.5	-12
Iowa .....	12.5	21.6	36.9	20.5	26.3	15.2	152.7	202.9	+33
Kansas .....	7.1	12.7	13.5	14.3	15.8	12.5	123.9	139.4	+13
Kentucky .....	10.5	15.6	17.8	19.2	17.3	12.8	164.1	163.8	(1)
Louisiana .....	16.8	26.6	34.6	35.1	29.4	21.7	230.9	308.3	+34
Maine .....	1.3	3.3	4.2	3.4	2.3	3.1	28.4	29.7	+5
Maryland .....	33.8	41.2	67.4	49.1	46.0	32.0	423.5	450.3	+6
Massachusetts .....	26.6	48.3	34.8	41.0	42.1	34.1	416.4	436.3	+5
Michigan .....	73.5	104.8	88.1	88.3	95.7	66.3	889.6	827.0	-7
Minnesota .....	27.0	45.6	40.8	54.4	55.6	29.3	372.6	427.7	+15
Mississippi .....	4.5	3.2	4.8	3.1	6.7	3.9	51.2	52.0	+2
Missouri .....	15.5	40.7	32.3	39.4	35.2	50.7	273.0	361.8	+33
Montana .....	1.9	4.0	5.6	3.8	4.0	3.9	33.5	37.4	+12
Nebraska .....	3.1	9.0	12.4	15.1	10.1	8.6	72.2	102.3	+42
Nevada .....	7.8	4.3	5.4	4.1	4.4	4.7	57.1	58.6	+3
New Hampshire .....	2.0	3.2	2.5	2.7	2.8	2.1	25.5	29.4	+15
New Jersey .....	49.9	75.0	62.8	73.3	77.0	63.9	684.5	716.6	+5
New Mexico .....	8.9	12.9	15.0	11.6	15.1	7.8	82.1	124.3	+51
New York .....	108.8	129.3	181.2	160.7	126.8	134.5	1,363.3	1,399.5	+3
North Carolina .....	13.4	17.4	19.6	20.1	17.1	20.1	183.7	216.0	+18
North Dakota .....	1.5	4.6	5.3	6.4	5.3	2.9	36.7	44.8	+22
Ohio .....	57.2	116.3	108.2	97.5	122.6	77.3	1,033.3	1,038.3	(1)
Oklahoma .....	9.3	18.3	14.1	14.5	16.6	11.0	113.9	167.8	+47
Oregon .....	7.2	16.0	17.0	16.7	19.3	10.0	131.3	187.2	+43
Pennsylvania .....	51.1	66.2	73.3	62.3	67.2	54.1	713.2	657.3	-8
Rhode Island .....	4.3	6.2	4.3	5.2	6.9	4.7	46.8	51.9	+11
South Carolina .....	2.7	6.0	5.6	6.9	6.5	4.9	59.7	68.6	+15
South Dakota .....	2.4	3.5	3.3	4.3	4.2	3.6	34.6	33.7	-3
Tennessee .....	12.4	23.9	17.9	21.8	19.3	11.9	170.5	216.7	+27
Texas .....	68.0	128.0	112.3	106.1	99.4	88.3	949.4	1,107.4	+17
Utah .....	5.9	15.9	15.7	10.3	11.3	7.1	106.6	147.1	+38
Vermont .....	.9	.5	.9	1.3	.6	.7	15.3	9.5	-38
Virginia .....	23.4	47.6	44.3	40.2	86.0	30.2	366.7	470.7	+28
Washington .....	24.3	36.6	45.4	55.9	43.1	25.6	317.4	410.0	+29
West Virginia .....	3.0	7.3	7.1	5.3	7.1	4.1	76.4	78.3	+2
Wisconsin .....	32.9	46.2	38.7	43.8	41.7	28.5	431.3	399.1	-7
Wyoming .....	1.3	2.3	3.5	2.6	2.4	1.8	19.9	27.0	+36

Source: Department of Labor.

<sup>1</sup> Change of less than one-half of 1 percent.



## CONSTRUCTION REVIEW

Table C-6: Building Permit Activity: Number of New Dwelling Units, by Metropolitan-Nonmetropolitan Location and by State

State	(Housekeeping units only)							First 11 months		Percent change, 1st 11 mos. 1957-58
	1957	1958					1957	1958		
	Nov.	July	Aug.	Sept.	Oct.	Nov.	1957	1958		
ALL STATES .....	58,837	98,545	95,652	100,958	100,766	82,735	798,051	932,901	+17	
Metropolitan areas .....	45,167	77,081	73,351	78,292	77,410	64,655	610,962	720,771	+18	
Nonmetropolitan areas .....	13,670	21,464	22,301	22,666	23,356	18,080	187,089	212,130	+13	
Alabama .....	1,281	1,811	2,552	1,631	1,748	1,268	12,205	18,146	+49	
Arizona .....	1,297	1,816	1,596	1,903	2,238	1,450	14,556	18,887	+30	
Arkansas .....	265	360	319	419	468	302	3,415	4,138	+21	
California .....	11,592	20,144	19,122	17,599	18,445	15,670	158,663	180,465	+14	
Colorado .....	869	1,660	1,332	1,503	1,678	1,478	12,239	16,680	+36	
Connecticut .....	1,042	1,486	1,256	1,655	1,292	1,464	14,870	13,306	-11	
Delaware .....	182	237	387	178	81	332	2,237	2,852	+27	
District of Columbia .....	558	836	529	321	706	522	3,039	4,980	+64	
Florida .....	4,750	5,609	5,458	5,827	6,208	4,664	57,682	59,034	+2	
Georgia .....	964	1,343	1,830	1,720	1,679	1,418	14,148	17,007	+20	
Idaho .....	149	217	178	202	191	130	1,414	1,884	+33	
Illinois .....	3,017	5,262	4,362	4,416	5,415	5,516	44,521	46,172	+4	
Indiana .....	860	1,547	1,495	1,956	1,909	1,229	14,371	15,066	+5	
Iowa .....	431	762	889	1,006	909	680	5,529	7,616	+38	
Kansas .....	497	640	810	749	1,011	675	5,967	7,382	+24	
Kentucky .....	375	984	782	1,105	949	790	7,354	8,721	+19	
Louisiana .....	873	1,288	1,489	1,376	1,491	1,045	10,365	14,150	+37	
Maine .....	57	140	161	134	128	100	1,121	1,132	+1	
Maryland .....	1,437	2,539	2,222	2,860	2,621	1,843	21,290	23,524	+10	
Massachusetts .....	1,159	2,046	1,641	1,960	1,958	1,545	15,378	17,620	+15	
Michigan .....	2,213	3,729	4,041	4,810	4,774	2,901	38,410	35,850	-7	
Minnesota .....	1,037	1,947	1,789	2,015	2,593	1,336	13,485	17,560	+30	
Mississippi .....	304	199	247	213	313	209	2,516	2,853	+13	
Missouri .....	731	1,583	1,408	2,161	1,947	1,951	10,200	16,373	+61	
Montana .....	104	154	166	203	214	124	1,260	1,684	+34	
Nebraska .....	209	618	405	957	724	406	3,539	5,127	+45	
Nevada .....	103	189	361	228	288	367	2,340	2,668	+14	
New Hampshire .....	118	153	131	138	153	114	1,288	1,373	+7	
New Jersey .....	2,245	4,233	3,679	3,506	3,309	3,857	32,618	36,416	+12	
New Mexico .....	506	884	953	954	1,098	694	5,014	8,828	+76	
New York .....	5,368	6,325	7,995	10,105	7,346	7,647	58,562	71,279	+22	
North Carolina .....	611	995	1,098	970	1,210	982	8,590	11,172	+30	
North Dakota .....	88	226	235	417	346	186	1,503	2,311	+54	
Ohio .....	2,474	5,975	4,601	5,222	4,643	4,327	40,901	46,003	+12	
Oklahoma .....	452	795	709	811	895	768	5,304	7,832	+48	
Oregon .....	263	708	592	584	776	449	4,076	5,904	+45	
Pennsylvania .....	1,765	2,300	2,565	3,030	2,784	2,254	26,951	25,535	-5	
Rhode Island .....	216	288	244	320	257	245	2,486	2,391	-4	
South Carolina .....	189	294	345	311	320	272	3,054	3,236	+6	
South Dakota .....	66	215	202	190	228	150	1,034	1,598	+55	
Tennessee .....	772	1,146	1,227	1,391	1,428	1,045	9,369	12,791	+37	
Texas .....	3,170	7,000	6,611	6,560	5,915	5,128	45,998	64,573	+40	
Utah .....	349	680	843	613	730	457	5,406	6,580	+22	
Vermont .....	25	31	25	45	27	35	325	293	-10	
Virginia .....	1,319	2,903	2,232	2,628	3,215	1,892	19,336	24,554	+27	
Washington .....	965	2,015	2,329	1,658	1,781	1,182	13,351	17,909	+34	
West Virginia .....	137	217	215	230	218	175	2,395	2,259	-6	
Wisconsin .....	1,292	1,905	1,819	1,988	1,978	1,370	17,510	17,610	+1	
Wyoming .....	91	111	175	180	131	91	866	1,577	+82	

Source: Department of Labor.



Table C-7: Building Permit Activity: Total Valuation, in Selected Metropolitan Areas

Metropolitan area	Valuation (in millions of dollars)								Percent change, 1st 11 mos. 1957-58
	1957	1958					First 11 months		
	Nov.	July	Aug.	Sept.	Oct.	Nov.	1957	1958	
Atlanta, Ga.....	8.6	13.1	12.6	17.2	17.2	19.4	131.7	184.4	+40
Baltimore, Md.....	16.0	17.7	14.4	21.2	24.9	14.8	229.6	201.2	-12
Birmingham, Ala.....	3.9	6.4	8.6	6.4	6.3	5.5	62.1	81.6	+31
Boston, Mass.....	14.9	30.4	16.9	22.8	22.0	21.4	231.0	239.4	+ 4
Buffalo, N. Y.....	10.6	14.0	20.1	12.2	11.9	8.7	145.1	128.1	-12
Chicago, Ill.....	66.2	111.2	96.0	102.6	109.9	104.1	1,049.6	1,158.7	+10
Cleveland, Ohio.....	17.4	26.2	27.2	23.2	28.7	25.5	315.4	262.7	-17
Columbus, Ohio.....	6.6	23.3	21.0	15.9	18.3	11.1	119.6	176.4	+47
Denver, Colo.....	11.7	16.6	16.9	16.0	18.6	13.9	140.7	173.5	+23
Detroit, Mich.....	51.7	73.6	50.9	48.1	60.6	42.4	568.5	498.5	-12
Indianapolis, Ind.....	6.4	8.7	8.6	10.9	10.9	5.6	110.4	95.6	-13
Los Angeles, Calif.....	96.9	194.1	131.5	105.5	123.5	95.6	1,341.5	1,429.9	+ 7
Miami, Fla.....	18.2	25.4	22.5	22.1	22.9	18.7	272.5	251.3	- 8
Milwaukee, Wis.....	9.9	18.3	14.1	12.0	14.4	10.5	177.8	141.1	-21
New York-Northeastern New Jersey..	113.5	128.7	179.2	167.7	136.5	138.9	1,408.5	1,451.1	+ 3
Norfolk-Portsmouth, Va.....	2.3	6.9	5.8	5.8	7.4	3.7	64.2	71.5	+11
Philadelphia, Pa.....	32.7	49.1	48.2	38.2	43.5	36.1	435.0	421.1	- 3
Phoenix, Ariz.....	12.0	16.3	35.1	16.4	19.5	13.9	135.2	197.4	+46
Rochester, N. Y.....	5.0	7.4	5.3	8.3	5.7	6.7	66.6	66.8	(1)
Salt Lake City, Utah.....	4.0	7.7	7.7	5.2	6.6	3.7	55.2	81.3	+47
San Diego, Calif.....	18.6	27.5	23.2	26.1	32.5	26.0	222.7	300.1	+35
San Francisco-Oakland, Calif.....	31.5	45.2	55.4	48.4	42.8	34.0	411.3	485.3	+18
Seattle, Wash.....	12.1	16.6	22.2	32.0	28.1	13.8	153.7	214.4	+39
Washington, D. C.....	32.0	40.5	105.2	44.7	73.6	42.6	347.4	564.5	+62

Source: Department of Labor.

<sup>1</sup> Change of less than one-half of 1 percent.

Table C-8: Building Permit Activity: Number of New Dwelling Units, in Selected Metropolitan Areas

	(Housekeeping only)								
Metropolitan area	1957	1958					First 11 months		Percent change, 1st 11 mos. 1957-58
	Nov.	July	Aug.	Sept.	Oct.	Nov.	1957	1958	
Atlanta, Ga.....	451	707	984	992	1,074	902	7, 172	9, 621	+34
Baltimore, Md.....	783	874	827	1, 171	1, 335	896	11, 508	10, 374	-10
Birmingham, Ala. ....	289	521	664	498	565	380	4, 326	6, 163	+42
Boston, Mass.....	518	937	881	817	904	792	6, 956	8, 329	+20
Buffalo, N. Y.....	318	636	943	633	554	490	6, 646	6, 106	- 8
Chicago, Ill. ....	2, 617	4, 533	3, 839	3, 877	4, 889	5, 029	39, 223	40, 657	+ 4
Cleveland, Ohio .....	673	1, 119	1, 137	1, 035	1, 131	1, 147	11, 032	9, 758	-12
Columbus, Ohio.....	407	1, 543	804	900	669	633	5, 074	8, 551	+69
Denver, Colo. ....	571	1, 017	752	921	1, 106	942	7, 682	10, 270	+34
Detroit, Mich.....	1, 404	2, 363	2, 645	3, 154	3, 126	1, 866	23, 349	22, 542	- 3
Indianapolis, Ind.....	249	517	436	727	565	326	4, 295	4, 803	+12
Los Angeles, Calif.....	5, 293	9, 414	7, 125	5, 283	6, 979	5, 745	75, 875	74, 100	- 2
Miami, Fla.....	1, 260	1, 812	1, 676	1, 575	1, 742	1, 694	16, 791	17, 646	+ 5
Milwaukee, Wis. ....	567	674	516	542	574	452	8, 018	6, 094	-24
New York-Northeastern New Jersey..	5, 740	6, 813	8, 338	10, 822	7, 547	8, 664	62, 166	77, 996	+25
Norfolk-Portsmouth, Va. ....	117	622	378	417	697	231	2, 921	4, 333	+48
Philadelphia, Pa.....	1, 183	2, 311	1, 915	2, 483	2, 267	1, 695	19, 437	19, 365	(1)
Phoenix, Ariz.....	1, 036	1, 342	1, 255	1, 366	1, 660	1, 101	10, 961	14, 723	+34
Rochester, N. Y.....	197	305	316	251	429	227	2, 539	2, 819	+11
Salt Lake City, Utah .....	206	336	576	333	388	234	2, 769	3, 610	+30
San Diego, Calif.....	963	2, 173	1, 588	1, 970	2, 489	1, 914	14, 911	20, 611	+38
San Francisco-Oakland, Calif.....	1, 681	2, 561	2, 694	2, 169	2, 251	2, 196	17, 566	23, 225	+32
Seattle, Wash.....	617	978	963	923	1, 109	732	7, 513	9, 402	+25
Washington, D. C.....	1, 231	2, 683	2, 021	2, 477	2, 216	1, 540	13, 507	21, 218	+57

Source: Department of Labor.

<sup>1</sup> Change of less than one-half of 1 percent.

## CONSTRUCTION REVIEW

Table C-9: Building Permit Activity: Valuation in Selected Metropolitan Areas by Type of Building Construction

First 11 months, 1958 (Thousands of dollars)

Type of building construction	Atlanta, Ga.	Baltimore, Md.	Birmingham, Ala.	Boston, Mass.	Buffalo, N. Y.	Chicago, Ill.	Cleveland, Ohio	Columbus, Ohio
All building construction <sup>1</sup>	184,380	201,244	81,563	239,416	128,137	1,158,742	262,697	176,395
New dwelling units <sup>2</sup>	89,379	112,184	50,022	98,425	67,642	583,930	150,511	113,254
New nonresidential building	79,332	68,325	21,211	104,057	48,974	471,625	88,311	50,686
Commercial buildings	35,308	21,784	5,862	30,786	10,197	91,802	38,179	11,745
Amusement buildings	1,306	1,261	372	1,308	1,606	6,541	3,992	1,609
Commercial garages	395	326	4	3,872	51	700	1,980	35
Gasoline and service stations	1,072	1,112	578	611	835	6,317	1,197	439
Office buildings	15,042	1,646	1,427	16,058	3,828	24,511	17,725	5,663
Stores and other mercantile bldgs.	17,494	17,440	3,482	8,937	3,877	53,733	13,286	3,999
Community buildings	26,067	30,232	10,118	52,153	20,783	151,872	29,218	21,362
Educational buildings	10,776	23,391	4,849	39,666	14,822	83,795	16,785	4,589
Institutional buildings	9,757	1,347	2,971	6,848	1,869	41,063	4,438	13,655
Religious buildings	5,535	5,495	2,298	5,640	4,092	27,014	7,995	3,118
Garages, private residential	274	666	282	1,331	2,964	20,147	4,963	1,753
Industrial buildings	5,336	3,207	4,131	13,012	8,082	180,154	10,200	12,422
Public utilities buildings	7,823	1,962	488	2,964	2,031	12,790	3,884	869
All other nonresidential buildings	4,523	10,474	330	3,810	4,918	14,861	1,867	2,536
Additions and alterations	12,085	20,569	10,305	34,658	10,432	98,068	21,850	11,179
	Denver, Colo.	Detroit, Mich.	Indianapolis, Ind.	Los Angeles, Calif.	Miami, Fla.	Milwaukee, Wis.	New York-Northeastern New Jersey	Norfolk-Portsmouth, Va.
All building construction <sup>1</sup>	173,520	498,512	95,650	1,429,904	251,278	141,085	1,451,131	71,451
New dwelling units <sup>2</sup>	97,482	273,091	57,191	738,746	157,547	74,083	851,248	38,806
New nonresidential building	61,182	174,902	27,359	504,127	52,056	51,824	473,168	25,565
Commercial buildings	25,132	54,128	12,629	213,314	19,366	13,697	178,051	13,618
Amusement buildings	454	17,112	896	13,295	1,995	2,285	9,856	675
Commercial garages	128	142	980	1,555	652	428	8,281	0
Gasoline and service stations	1,175	4,068	486	4,598	1,641	681	6,093	460
Office buildings	14,704	8,722	8,141	121,201	4,273	2,358	99,387	3,119
Stores and other mercantile bldgs.	8,671	24,084	2,125	72,665	10,805	7,945	54,434	9,365
Community buildings	25,800	81,189	5,625	145,251	19,138	25,894	150,914	4,769
Educational buildings	21,007	47,580	3,032	99,346	8,704	14,673	93,055	3,231
Institutional buildings	2,863	22,495	0	30,318	6,163	7,092	35,508	0
Religious buildings	1,930	11,113	2,593	15,587	4,271	4,129	22,352	1,538
Garages, private residential	1,491	16,392	1,212	6,049	865	3,507	11,046	563
Industrial buildings	5,902	7,260	3,248	44,724	5,931	7,370	63,034	1,009
Public utilities buildings	179	3,129	3,205	26,038	3,150	668	34,991	3,060
All other nonresidential buildings	2,678	12,805	1,440	68,752	3,606	688	35,131	2,545
Additions and alterations	13,798	48,117	9,920	175,789	36,961	13,123	121,956	6,190
	Philadel- phia, Pa.	Phoenix, Ariz.	Rochester, N. Y.	Salt Lake City, Utah	San Diego, Calif.	San Francisco- Oakland, Calif.	Seattle, Wash.	Washington, D. C.
All building construction <sup>1</sup>	421,098	197,444	66,760	81,292	300,119	485,296	214,374	564,460
New dwelling units <sup>2</sup>	220,347	124,715	36,212	44,235	211,216	254,706	111,299	221,328
New nonresidential building	145,319	59,729	24,457	32,353	66,634	156,176	80,449	296,867
Commercial buildings	49,645	22,467	6,137	8,720	27,262	77,144	35,199	159,128
Amusement buildings	3,745	1,315	347	744	1,271	3,711	1,906	1,958
Commercial garages	1,679	62	1,300	1,408	61	1,845	608	1,685
Gasoline and service stations	2,687	920	192	443	630	1,858	1,527	1,539
Office buildings	13,398	8,154	1,303	2,443	17,258	48,770	23,594	132,003
Stores and other mercantile bldgs.	28,137	12,016	2,995	3,682	8,042	20,959	7,564	21,944
Community buildings	58,652	14,210	6,692	7,932	20,089	28,010	30,587	87,478
Educational buildings	32,241	8,787	4,935	1,268	13,616	15,753	25,908	74,812
Institutional buildings	14,385	2,544	622	4,003	3,310	6,721	1,183	6,902
Religious buildings	12,026	2,879	1,135	2,662	3,163	5,545	3,496	5,765
Garages, private residential	3,369	233	1,249	705	3,369	1,660	820	569
Industrial buildings	14,146	5,006	8,767	3,223	5,673	24,960	5,536	4,609
Public utilities buildings	1,403	1,968	512	9,411	850	11,700	5,715	33,241
All other nonresidential buildings	18,105	15,845	1,100	2,362	9,390	12,694	2,592	11,842
Additions and alterations	52,324	8,787	5,180	4,699	17,151	62,418	19,203	42,146

Source: Department of Labor.

<sup>1</sup> Includes new nonhousekeeping residential building, not shown separately.<sup>2</sup> Housekeeping only.<sup>3</sup> Includes a retroactive building permit issued during June 1958 for a steel plant, valued at \$120 million, which was actually begun early in 1957.

# Part D-Contracts

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Table D-1: Contract Awards: Public Construction, by Ownership and Type of Construction<sup>1</sup>

Ownership and type of construction	Value (in millions of dollars)									Percent change, year 1957-58
	1957	1958						Year		
	Dec.	July	Aug.	Sept.	Oct.*	Nov.*	Dec.	1957	1958	
TOTAL PUBLIC CONSTRUCTION .....	718.9	1,252.1	1,277.6	1,177.7	954.4	812.6	986.8	11,473.8	13,508.1	+18
FEDERALLY OWNED <sup>2</sup> .....	58.4	166.8	223.6	222.7	121.0	111.9	238.3	2,317.3	2,959.4	+28
Residential buildings .....	3.2	42.4	115.1	86.4	22.7	7.8	2.2	406.2	592.0	+46
Nonresidential buildings .....	28.7	44.8	54.6	28.3	41.5	39.3	87.7	776.5	987.7	+27
Educational .....	.4	1.8	2.2	.6	.8	3.2	8.2	48.4	51.7	+7
Hospital and institutional .....	.2	.4	1.2	.1	.8	3.4	22.4	78.9	95.2	+21
Administrative and service .....	9.9	14.0	1.2	6.9	10.4	10.8	15.9	148.3	183.9	+24
Other nonresidential buildings .....	18.2	28.6	50.0	20.7	29.5	21.9	41.2	500.9	656.9	+31
Airfield buildings .....	1.2	9.0	11.9	.4	1.5	5.9	11.0	98.9	196.7	+99
Troop housing .....	.4	3.9	5.7	1.8	4.3	1.1	1.3	60.9	89.3	+47
Warehouses .....	(3)	1.6	1.8	.9	.1	1.8	1.2	35.0	36.5	+4
All other .....	16.6	14.1	30.6	17.6	23.6	13.1	27.7	306.1	334.4	+9
Airfields <sup>4</sup> .....	1.4	53.2	21.4	2.7	11.4	14.7	28.1	182.2	475.6	+161
Conservation and development .....	14.3	6.1	23.3	23.2	29.4	17.0	51.5	563.8	475.2	-16
Highways .....	3.7	9.3	3.4	8.0	9.9	2.0	2.0	91.5	95.5	+4
Electric power .....	3.7	6.3	1.9	18.2	1.0	26.9	31.0	140.3	137.8	-2
All other federally owned .....	3.4	4.7	3.9	55.9	5.1	4.2	35.8	156.8	195.6	+25
STATE AND LOCALLY OWNED .....	660.5	1,085.3	1,054.0	955.0	833.4	700.7	748.5	9,156.5	10,548.7	+15
Residential buildings .....	20.2	31.9	35.8	64.8	31.7	26.9	20.1	326.7	479.7	+47
Nonresidential buildings .....	238.7	327.0	325.9	271.0	286.7	246.0	271.9	3,409.4	3,576.2	+5
Educational .....	163.7	225.1	227.1	197.3	196.6	162.0	178.2	2,450.5	2,407.6	-2
Hospital and institutional .....	19.8	36.7	31.4	19.6	17.3	14.4	20.2	287.1	334.5	+17
Administrative and service .....	18.8	35.8	34.8	25.7	28.1	40.8	45.2	315.4	455.6	+44
Other nonresidential buildings .....	36.4	29.4	32.6	28.4	44.7	28.8	28.3	356.4	378.5	+6
Highways .....	272.1	525.6	519.0	420.2	387.5	336.3	343.6	3,825.1	4,489.3	+17
Sewer and water systems .....	94.5	116.1	91.0	76.6	74.9	67.0	82.1	1,034.2	1,050.0	+2
Sewer .....	65.1	77.3	66.9	49.3	50.5	51.8	56.2	619.4	708.2	+14
Water .....	29.4	38.8	24.1	27.3	24.4	15.2	25.9	414.8	341.8	-18
Public service enterprises .....	19.4	55.4	53.9	89.4	21.8	10.9	13.6	364.2	669.5	+84
Electric power .....	9.4	18.9	21.2	69.4	6.0	6.1	8.8	200.1	450.0	+125
Other .....	10.0	36.5	32.7	20.0	15.8	4.8	4.8	164.1	219.5	+34
Conservation and development .....	11.2	9.0	12.2	12.0	12.5	5.8	10.9	112.7	123.3	+9
All other State and locally owned .....	4.4	20.3	16.2	21.0	18.3	7.8	6.3	84.2	160.7	+91

Source: Departments of Commerce and Labor.

\* Includes revisions in federally owned components.

<sup>1</sup> Includes major force-

account projects started, principally by TVA and State highway departments. <sup>2</sup> Includes construction contracts awarded under Lease-Purchase programs which terminated with P.L. 85-844, approved August 28, 1958. <sup>3</sup> Less than \$50,000. <sup>4</sup> Beginning with January 1958, includes missile launching facilities which were previously included under All other federally owned.

Table D-2: Contract Awards: Highway Construction, by Ownership, Source of Funds, and Type of Facility<sup>1</sup>

Ownership, source of funds, and type of facility	Value (in millions of dollars)									Percent change, year 1957-58
	1957	1958						Year		
	Dec.	July	Aug.	Sept.	Oct.	Nov.	Dec.	1957	1958	
ALL HIGHWAY CONSTRUCTION .....	275.8	534.9	522.4	428.2	*397.4	*338.3	345.6	3,916.6	4,584.8	+17
FEDERALLY OWNED .....	3.7	9.3	3.4	8.0	*9.9	*2.0	2.0	91.5	95.5	+ 4
STATE OWNED .....	253.4	458.1	466.0	378.3	352.4	317.6	322.1	3,311.0	3,995.8	+21
Federally aided projects:										
Total value .....	205.7	368.9	423.3	345.8	323.4	297.3	267.0	2,390.4	3,488.7	+46
Federal funds .....	153.5	266.1	308.9	251.5	232.9	214.4	191.6	1,613.9	2,504.4	+55
Independent State projects:										
Total value .....	47.7	89.2	42.7	32.5	29.0	20.3	55.1	920.6	507.1	-45
Toll facilities .....	21.3	21.1	7.4	0	1.0	.9	8.6	343.0	44.1	-87
LOCALLY OWNED <sup>2</sup> .....	18.7	67.5	53.0	41.9	35.1	18.7	21.5	514.1	493.5	- 4

Source: Departments of Commerce and Labor.

\* Revised.

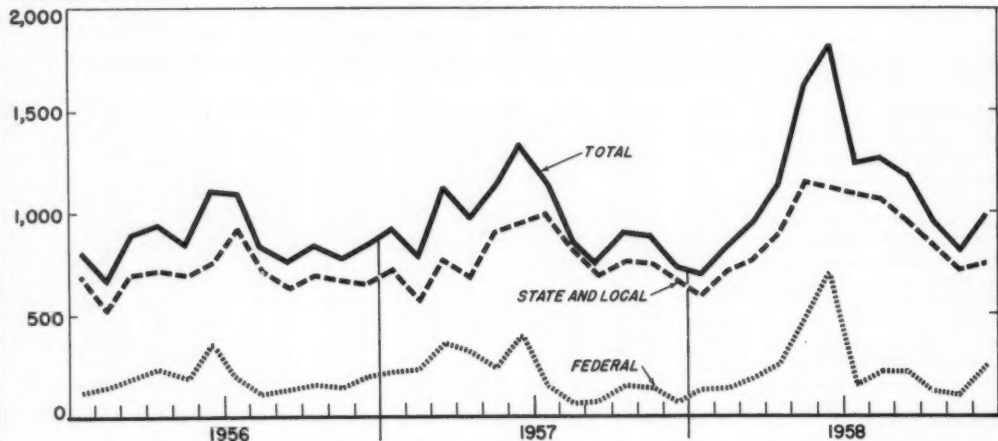
<sup>1</sup> Includes force-account work started on Federal and State projects.

<sup>2</sup> By municipalities and counties.

Chart 7.

## Contracts Awarded for Public Construction By Ownership

Millions of Dollars



SOURCE: DEPARTMENTS OF COMMERCE AND LABOR.

CONSTRUCTION REVIEW C.D. 59-10-G

Table D-3: Value of Construction Contracts Reported by the F. W. Dodge Corporation

(U. S. Summary, excluding Alaska)

Type of construction	(Value (in millions of dollars))			Percent change, 12 months ending in Jan., 1958-59
	Jan. 1959	12 months ending--		
		Jan. 1959	Jan. 1958	
<b>TOTAL</b> .....	<b>2,319</b>	<b>35,343</b>	<b>31,939</b>	<b>+11</b>
<b>Building construction</b> .....	1,840	25,948	24,137	+ 8
<b>Residential</b> .....	1,022	14,940	12,999	+15
<b>Nonresidential</b> .....	818	11,007	11,138	- 1
<b>Engineering</b> .....	479	9,395	7,802	+20
<b>Public works</b> .....	372	6,846	5,394	+27
<b>Utilities</b> .....	108	2,551	2,407	+ 6

Source: Table compiled by Department of Commerce from data reported by the F. W. Dodge Corporation.

Table D-4: Value of Construction Contract Awards Reported by the Engineering News-Record

(U. S. Summary, excluding Alaska)

Ownership and type of construction	Value (in millions of dollars)			Percent change, 12 months ending in Feb., 1958-59
	Feb. 1959 <sup>1</sup>	12 months ending--		
		Feb. 1959	Feb. 1958	
<b>TOTAL</b> .....	<b>1,314</b>	<b>19,687</b>	<b>17,320</b>	<b>+14</b>
Privately owned.....	750	8,033	7,983	+ 1
Publicly owned.....	564	11,655	9,337	+25
Private industrial buildings .....	178	1,738	2,783	-38
Buildings, except private industrial .....	693	9,488	7,797	+22
Highways and bridges .....	214	4,534	3,605	+26
Sewer systems .....	40	625	578	+ 8
Water systems .....	43	349	348	( 2)
Unclassified and all other .....	146	2,959	2,210	+34

Source: Table compiled by Department of Commerce from data published by the Engineering News-Record. Data include only those projects with contract values above the following minimum sizes: Water supply, earthwork, and waterways--\$44,000; other public works--\$73,000; industrial buildings--\$93,000; other buildings--\$344,000.

1 percent.

<sup>1</sup> Four weeks.<sup>2</sup> Change of less than one-half of



# Part E—Costs

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Table E-1: Construction Cost Indexes

Compiler and coverage	Indexes (1947-49=100)									Percent change, Jan. 1958-59
	1958					1959	1956	1957	1958	
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Jan.	Jan.	Jan.	
American Appraisal Company .....	145	147	147	147	147	147	132	138	143	+ 3
Associated General Contractors .....	156	156	156	156	156	156	140	146	152	+ 3
E. H. Boeckh and Associates (20 city average):										
Residences.....	133.8	133.8	134.3	134.4	134.6	135.1	126.4	130.5	132.4	+ 2
Apartments, hotels, and office buildings.....	144.4	144.5	145.1	145.4	145.7	146.3	133.9	139.2	142.4	+ 3
Commercial and factory buildings.....	147.5	147.8	148.2	148.4	148.7	149.4	135.3	141.2	145.4	+ 3
Engineering News-Record:										
Building .....	156.2	159.0	159.5	159.0	159.0	159.4	142.8	149.2	153.6	+ 4
Construction.....	169.7	171.8	172.2	171.9	171.8	172.8	150.2	157.2	165.1	+ 5
Department of Commerce composite <sup>1</sup> .....	139	139	139	139	140	139	128	134	137	+ 1

Source: Department of Commerce. <sup>1</sup> A composite of cost indexes representative of the major types of construction, weighted by the current relative importance of each type.

Table E-2: Indexes of Wholesale Prices of Construction Materials, by Selected Groups and Commodities

Commodity	(1947-49=100, unless otherwise specified)								Percent change	
	1958				1959		Annual average		Year	Feb.
	Feb.	Oct.	Nov.	Dec.	Jan.	Feb.	1957	1958*	1957-58	1958-59
ALL CONSTRUCTION MATERIALS <sup>1</sup> .....	130.1	132.1	132.0	132.0	132.4	133.1	130.6	130.5	(2)	+ 2
Lumber and wood products:										
Softwoods:										
Douglas fir .....	110.4	120.1	117.8	118.0	120.2	123.8	116.8	114.6	- 2	+12
Southern pine .....	113.0	113.9	114.4	114.1	114.1	113.8	114.6	112.8	- 2	+ 1
Other softwoods.....	129.2	130.6	130.9	130.6	131.9	132.7	132.8	129.4	- 3	+ 3
Hardwoods used in construction .....	110.6	118.8	118.2	117.6	116.8	118.5	114.8	114.4	(2)	+ 7
Millwork .....	127.6	130.5	130.5	130.5	130.2	130.2	128.5	128.2	(2)	+ 2
Plywood .....	93.6	102.7	100.1	99.1	99.7	102.8	96.4	97.1	+ 1	+10
Softwood .....	85.3	102.2	97.4	94.9	96.1	102.0	91.3	91.8	+ 1	+20
Hardwood.....	104.3	104.5	104.5	105.1	105.1	105.1	103.7	104.5	+ 1	+ 1
Building paper and board .....	141.7	143.4	143.4	143.7	143.9	144.2	141.5	143.2	+ 1	+ 2
Insulation board .....	141.7	145.3	145.3	145.3	145.2	145.2	(3)	144.5	--	+ 2
Hardboard (Jan. 1958=100) .....	100.0	98.6	98.6	99.2	99.8	100.4	(3)	99.3	--	(2)
Prepared paint .....	128.4	128.2	128.2	128.2	128.2	128.4	126.3	128.3	+ 2	0
Metals and metal products:										
Finished mill and foundry products:										
Structural steel shapes .....	192.3	199.6	199.6	199.6	199.6	199.6	187.5	(3)	--	+ 4
Reinforcing bars.....	189.6	195.0	195.0	195.0	195.0	195.0	184.1	(3)	--	+ 3
Galvanized sheets, carbon .....	153.6	160.4	161.9	161.9	161.9	161.9	152.5	(3)	--	+ 5
Black steel pipe, carbon .....	190.3	190.9	190.9	190.9	190.9	190.9	185.4	(3)	--	(2)
Wire nails, 8d common .....	182.2	182.2	182.2	182.2	182.2	182.2	177.9	(3)	--	0
Copper water tubing.....	141.7	139.7	144.0	146.3	146.3	148.6	151.2	(3)	--	+ 5
Building wire .....	120.3	109.5	116.8	116.8	116.8	116.8	132.7	(3)	--	- 3
Nonmetallic sheathed cable .....	78.2	81.5	87.1	87.1	87.1	87.1	84.0	(3)	--	+11
Builders' hardware:										
Cabinet hinge .....	137.2	137.2	137.2	137.2	137.2	137.2	137.5	(3)	--	0
Door lock sets .....	149.4	155.2	155.2	155.2	155.2	155.2	147.1	(3)	--	+ 4
Butts .....	168.4	168.4	168.4	168.4	168.4	168.4	168.4	(3)	--	0
Fabricated metal products:										
Plumbing fixtures and brass fittings <sup>1</sup> .....	125.9	124.6	124.6	124.8	124.9	126.0	130.2	123.7	- 5	(2)
Enameled iron fixtures .....	118.7	115.7	115.7	115.7	115.7	117.0	126.1	115.4	- 8	- 1
Vitreous china fixtures .....	118.6	116.0	116.0	116.0	116.0	117.4	124.2	115.6	- 7	- 1
Brass fittings .....	135.0	135.6	135.6	135.9	135.9	137.1	137.4	134.1	- 2	+ 2

See footnotes at end of table.



Table E-2: Indexes of Wholesale Prices of Construction Materials, by Selected Groups and Commodities--Continued

Commodity	(1947-49=100, unless otherwise specified)								Percent change	
	1958				1959		Annual average		Year	Feb.
	Feb.	Oct.	Nov.	Dec.	Jan.	Feb.	1957	1958*	1957-58	1958-59
<b>Metals and metal products--Con.</b>										
<b>Fabricated metal products--Con.</b>										
Heating equipment <sup>1</sup> .....	121.3	121.4	121.4	121.8	121.8	122.0	122.1	121.2	- 1	+ 1
Steam and hot water equipment ....	149.5	153.8	153.8	154.7	155.1	155.1	146.7	150.9	+ 3	+ 4
Warm air furnaces .....	123.0	123.4	123.4	123.9	123.7	123.7	128.2	122.8	- 4	+ 1
Fuel burning equipment, automatic .....	116.0	116.0	116.0	116.0	115.5	115.6	113.3	116.0	+ 2	(2)
Water heaters, domestic .....	102.6	100.3	100.3	100.3	100.4	100.4	106.8	101.9	- 5	- 2
Metal doors, sash, and trim .....	142.8	140.1	140.1	140.1	140.1	140.1	140.6	141.8	+ 1	- 2
<b>Tanks and sheet metal products:</b>										
Steel roofing (Jan. 1958=100) .....	100.6	104.7	105.7	105.7	105.7	105.7	(3)	(3)	--	+ 5
Corrugated aluminum roofing (Jan. 1958=100) .....	100.0	96.3	96.3	96.3	96.3	96.3	(3)	(3)	--	- 4
<b>Machinery and motive products:</b>										
Elevators and escalators .....	140.7	138.9	139.0	139.0	139.0	139.0	138.3	139.3	+ 1	- 1
Fans and blowers, except portable .....	180.2	180.2	181.6	181.6	183.5	183.5	176.3	180.4	+ 2	+ 2
<b>Nonmetallic minerals products:</b>										
Flat glass:										
Plate glass .....	145.7	144.3	144.3	144.3	144.3	144.3	145.7	145.2	(2)	- 1
Window glass .....	145.8	144.8	144.8	145.3	145.3	145.3	145.9	145.5	(2)	(2)
Concrete ingredients .....	139.0	139.1	139.1	139.2	140.2	140.2	136.0	139.0	+ 2	+ 1
Sand, gravel, and crushed stone .....	128.9	129.0	129.0	129.2	129.7	129.7	126.5	128.8	+ 2	+ 1
Portland cement .....	150.4	150.7	150.6	150.6	152.2	152.2	146.9	150.6	+ 3	+ 1
Concrete products .....	127.8	128.1	128.1	128.4	128.6	128.9	126.4	128.1	+ 1	+ 1
Building block .....	119.2	117.2	117.2	117.2	116.7	116.7	118.5	117.7	- 1	- 2
Concrete pipe .....	149.1	154.0	154.0	155.3	155.3	159.3	148.8	152.8	+ 3	+ 7
Ready-mixed concrete (Jan. 1958=100) .....	100.1	100.4	100.4	100.7	101.0	100.9	(3)	100.4	--	+ 1
<b>Structural clay products</b>										
used in construction .....	135.7	136.1	136.4	137.2	137.7	138.2	135.0	135.9	+ 1	+ 2
Building brick .....	135.4	135.7	136.3	137.1	137.9	137.9	134.7	135.6	+ 1	+ 2
Clay tile .....	128.5	128.5	128.5	129.6	130.1	130.1	127.5	128.6	+ 1	+ 1
Clay sewer pipe .....	156.8	159.4	159.4	159.4	159.4	162.7	156.3	158.2	+ 1	+ 4
<b>Gypsum products</b> .....	127.1	133.1	133.1	133.1	133.1	133.1	127.1	132.1	+ 4	+ 5
Lath .....	123.8	128.6	128.6	128.6	128.6	128.6	128.8	(3)	--	+ 4
Wallboard .....	124.9	130.4	130.4	130.4	130.4	130.4	124.9	(3)	--	+ 4
Plaster .....	136.2	144.6	144.6	144.6	144.6	144.6	136.2	(3)	--	+ 6
<b>Prepared asphalt roofing</b> <sup>4</sup> .....	124.6	118.5	118.5	118.5	118.5	119.8	122.3	112.8	- 8	- 4
<b>Other nonmetallic minerals</b>										
used in construction <sup>1</sup> .....	134.0	134.1	134.1	134.4	134.6	135.2	130.5	134.1	+ 3	+ 1
Insulation materials .....	103.8	104.0	104.0	104.0	103.5	103.5	102.8	103.9	+ 1	(2)
Asbestos cement shingles .....	160.8	160.8	160.8	160.8	160.8	162.2	155.1	160.8	+ 4	+ 1
<b>Miscellaneous products:</b>										
Kitchen cabinets, metal, base only ....	151.2	151.6	151.6	151.6	151.6	151.6	145.1	(3)	--	(2)
Linoleum, inlaid .....	128.6	128.6	128.6	128.6	129.4	129.4	126.7	(3)	--	+ 1
Asphalt floor tile .....	95.3	98.4	98.4	98.4	98.4	98.4	100.8	(3)	--	+ 3
Rubber floor tile .....	114.9	114.9	114.9	114.9	114.9	114.9	113.2	(3)	--	0

Source: Department of Labor.  
1 percent.

\* Preliminary.

<sup>1</sup> Includes items not shown separately..<sup>2</sup> Change of less than one-half of<sup>4</sup> Data revised from September 1958. The revised index for September is 118.5.<sup>3</sup> Not available.

Table E-3: Wholesale Prices of Selected Construction Materials

Commodity	Unit	1959	1958	
		Jan.	Dec.	Jan.
<b>LUMBER</b>				
Douglas fir:				
Dimension, construction, 25% standard, 2"x4", RL., green, S4S, mixed dimension c/l, f.o.b. mill .....	M bd. ft.	\$67.101	\$64.729	\$59.682
Boards, construction, 25% standard, RL., green, S4S, 1"x8", loose, mixed c/l of boards and dimension, f.o.b. mill .....	M bd. ft.	60.794	59.996	50.137
Timbers, construction, 8"x8" to 12"x12", RL., green, rough or S4S, c/l or mixed cars, f.o.b. mill .....	M bd. ft.	70.394	68.719	67.886
Southern pine:				
Dimension, No. 2 common and better, 2"x4"x16', S4S, dried, SL., f.o.b. mill .....	M bd. ft.	87.313	87.523	85.451
Boards, No. 2 common and better, 1"x6"xRL, S4S, dried, SL., c/l or mixed cars, f.o.b. mill .....	M bd. ft.	78.268	78.181	75.833
Ponderosa pine boards, No. 3 common, 1"x8", RL., S2 or 4S, c/l or mixed cars, f.o.b. mill .....	M bd. ft.	74.940	70.790	67.350
Oak, red, flooring, select, plain, 25/32" thick, 2-1/4" face, bundled, carlots, f.o.b. mill .....	M bd. ft.	167.947	170.740	159.910
Maple flooring, 2d grade, 25/32"x2-1/4" face, standard length, bundled, carlots, f.o.b. mill .....	M bd. ft.	210.560	210.417	216.062
<b>MILLWORK</b>				
Door, flush type, interior, hardwood face veneer, premium grade, as per CS-200-55, 2'6"x6'8"x1-3/8", f.o.b. factory, carlot freight allowed .....	Each	7.822	7.822	7.975
Window unit, wood, double hung, Ponderosa pine, 2'4"x4'6", with frame sash, glazing, weather stripping and sash balance as per CS-190-53, mixed c/l, f.o.b. factory .....	Each	13.203	12.987	12.804
<b>PLYWOOD</b>				
Douglas fir, interior, grade A-D, 1/4"x48"x96", 3 ply, f.o.b. mill .....	M sq. ft.	71.559	72.251	68.448
Douglas fir, interior, grade C-D, 5/16"x48"x96", f.o.b. mill .....	M sq. ft.	92.311	54.188	49.435
Plywood, birch, standard panel, grade 1-3 or 1-4, type II glue, 3 ply 1/4" thick, 48"x96", carlots, f.o.b. factory .....	M sq. ft.	214.390	214.390	212.757
<b>PREPARED PAINT</b>				
Emulsion, water-thinned, inside, first grade, delivered .....	Gallon	2.743	2.743	2.743
Varnish, floor, first grade, delivered .....	Gallon	4.126	4.126	4.130
Enamel, white, gloss, first grade, delivered .....	Gallon	5.133	5.133	5.136
Inside, flat, white, first grade, delivered .....	Gallon	3.396	3.396	3.383
Outside, white, first grade, delivered .....	Gallon	4.803	4.803	4.830
<b>METAL PRODUCTS</b>				
Structural shapes, carbon steel, 6"x4"x 1/2" angles, 30' long, ASTM spec.				
A-7, base quantity, f.o.b. mill .....	100 lb.	6.167	6.167	5.942
Bars, reinforcing, carbon steel, No. 6 x 30' long with 10% shorts, ASTM spec. A-15, S7T, base quantity, f.o.b. mill .....				
ASTM spec. A-15, S7T, base quantity, f.o.b. mill .....	100 lb.	6.385	6.385	6.210
Sheets, galvanized, carbon steel, 24 gage x 30' wide x 96" long, commercial coating, base chemistry, base packaging, base quantity, f.o.b. mill .....				
f.o.b. mill .....	100 lb.	8.695	8.695	8.220
Pipe, standard, black, carbon steel, butt weld, threaded and coupled, 1-1/4" nominal, random lengths, c/l, wt. 228 lbs. per 100', f.o.b. mill .....				
1-1/4" nominal, random lengths, c/l, wt. 228 lbs. per 100', f.o.b. mill .....	100 ft.	19.905	19.903	19.814
Pipe, standard, galvanized, carbon steel, butt weld, threaded and coupled, 1-1/4" nominal, random lengths, c/l, wt. 228 lbs. per 100', f.o.b. mill .....				
1-1/4" nominal, random lengths, c/l, wt. 228 lbs. per 100', f.o.b. mill .....	100 ft.	23.583	23.583	23.264
Nails, wire, carbon steel, 8d common, c/l, f.o.b. mill .....	100 lb.	9.828	9.828	9.828
Soil pipe, cast iron, 4", single hub, extra heavy, c/l, f.o.b. foundry .....	5' length	3.617	3.617	3.570
Copper water tubing, type L, 3/4" size, .045" wall thickness, shipped in 60' coils, 10,000' lots or more, f.o.b. mill, freight allowance .....				
shipped in 60' coils, 10,000' lots or more, f.o.b. mill, freight allowance .....	Foot	.270	.270	.263
Building wire, type RH-RW, size 12, solid, single braid, f.o.b. destination, or freight prepaid or allowed on specified amounts .....				
or freight prepaid or allowed on specified amounts .....	M ft.	16.380	16.380	16.880
* Insect screening, aluminum, 18x14 mesh, 30" wide, carload lots, f.o.b. factory .....				
carload lots, f.o.b. factory .....	100 sq. ft. roll	5.890	5.890	15.727

See footnotes at end of table.

Table E-3: Wholesale Prices of Selected Construction Materials--Continued

Commodity	Unit	1959	1958	
		Jan.	Dec.	Jan.
<b>PLUMBING EQUIPMENT</b>				
Bathtub, 5', enameled iron, recessed, f.o.b. factory, freight allowed .....	Each	\$50.725	\$50.725	\$54.265
Lavatory, 20"x18" and 19"x17", enameled iron, f.o.b. plant, freight allowed .....	Each	12.422	12.422	13.306
Water closet, vitreous china, closed coupled, reverse trap, f.o.b. plant, freight allowed .....	Each	21.991	21.970	24.128
Sink, 32"x21", enameled steel, acid resisting, 2-compartment, f.o.b. plant, freight allowed .....	Each	13.130	13.130	13.194
<b>HEATING EQUIPMENT</b>				
Convectors, nonferrous, free standing, average steam rating 40.8 to 43.0, f.o.b. factory, freight allowance .....	Sq. ft.	.476	.469	.454
Furnace, warm air: Steel, forced air, oil fired, with burner, bonnet output 95,000-105,000 BTU, f.o.b. factory, freight allowance .....	Each	245.632	245.632	263.725
Steel, forced air, gas fired, jacketed, input rating 100,000-110,000 BTU, f.o.b. factory, freight allowance .....	Each	160.454	161.624	164.733
Furnace, floor, gas fired, manual controls, input rating 40,000-50,000 BTU, f.o.b. factory .....	Each	59.283	58.283	58.283
Oil burner, mechanical forced draft, 1½-3 gal. per hr., f.o.b. factory .....	Each	112.365	113.976	115.504
Water heater, gas fired, automatic, 1-year guarantee, 30-gal. steel storage tank, f.o.b. factory, freight allowance .....	Each	(1)	(1)	39.595
<b>NONMETALLIC MINERALS PRODUCTS</b>				
Sand, construction, f.o.b. plant .....	Ton	1.319	1.314	1.311
Gravel, for concrete, 1-1/2" maximum, f.o.b. plant .....	Ton	1.605	1.601	1.598
Crushed stone, for concrete, 1-1/2" maximum, f.o.b. plant .....	Ton	1.680	1.676	1.688
Building blocks, concrete, lightweight aggregate, 8"x8"x16", f.o.b. plant .....	Each	.190	.192	.194
Building brick, clay, f.o.b. plant .....	Thousand	31.421	31.237	30.906
Partition tile, clay, scored, 4"x12"x12", 3-cell, 16 lbs., f.o.b. plant .....	Thousand	137.031	137.031	137.031
Lath, gypsum, 3/8"x16"x48", f.o.b. plant, freight equalized .....	M sq. ft.	26.011	26.012	25.034
Wallboard, gypsum, 3/8"x48", varying lengths, f.o.b. plant, freight equalized .....	M sq. ft.	34.300	34.300	32.830
Shingles, asphalt, strip, thick square butt, 210 lbs., f.o.b. factory, freight allowed .....	Square	5.906	5.906	6.248
Siding shingles, asbestos cement, f.o.b. plant, freight equalized .....	Square	11.917	11.917	11.917

Source: Department of Labor.

in specification. <sup>1</sup> Not available.

\* Beginning with April 1958, prices not comparable with those for previous periods because of a change

NOTE: Prices for insulation fiber board, previously shown in this table, are no longer available.

(NOTE: Tables E-4 and E-5, Union Wage Scales in the Building Trades, are shown quarterly in the February, May, August, and November issues.)

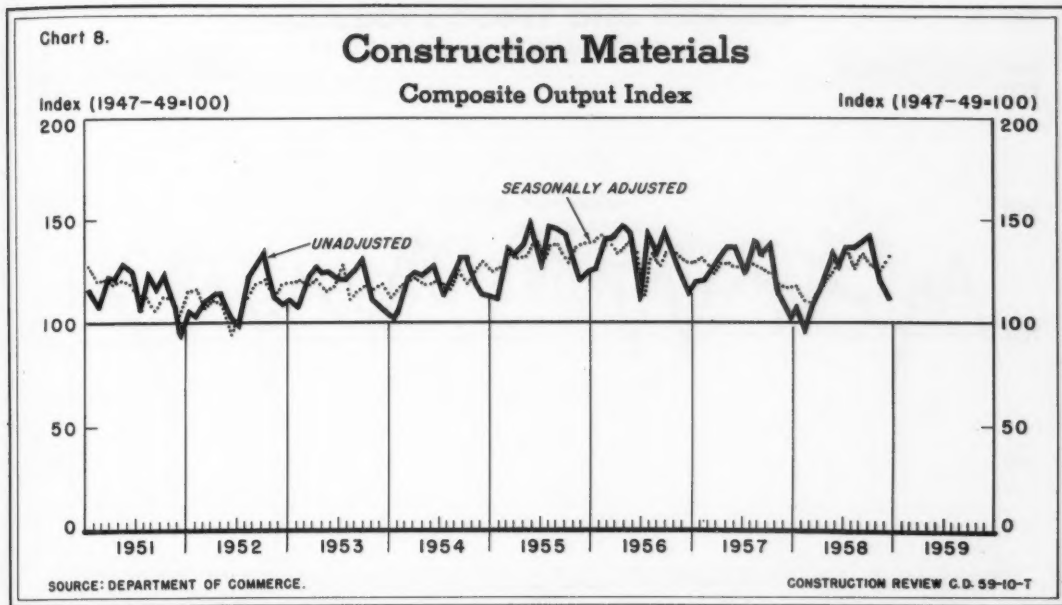


Table F-1: Construction Materials: Indexes of Output (Unadjusted and Seasonally Adjusted)

(Monthly average 1947-49=100)

Materials group	Monthly Indexes											
	Unadjusted							Seasonally adjusted				
	Annual average		1957		1958		1959	1957		1958		1959
	1957	1958	Nov.	Dec.	Nov.	Dec.	Jan.	Nov.	Dec.	Nov.	Dec.	Jan.
Composite .....	126.4	124.4	114.4	102.0	<sup>1</sup> 120.8	113.9	( <sup>2</sup> )	119.2	117.1	<sup>1</sup> 126.7	132.1	( <sup>2</sup> )
Lumber and wood products .....	117.5	120.1	107.8	95.8	119.1	117.9	120.9	113.2	112.7	125.4	140.1	126.6
Millwork .....	118.8	108.4	103.8	93.6	119.3	100.9	116.2	109.7	110.9	126.4	120.1	132.0
Paint, varnish, and lacquer .....	117.4	126.7	92.1	86.5	115.2	106.2	( <sup>2</sup> )	105.4	105.4	133.6	132.8	( <sup>2</sup> )
Portland cement .....	148.5	155.2	149.6	133.9	167.7	141.1	110.6	149.9	142.4	168.2	149.9	136.0
Asphalt products .....	96.5	102.1	80.7	58.7	82.7	55.9	62.3	91.2	93.2	94.4	88.6	76.5
Heating and plumbing equipment .....	120.0	118.1	115.5	93.7	<sup>1</sup> 122.5	112.8	( <sup>2</sup> )	118.0	121.2	<sup>1</sup> 125.0	146.5	( <sup>2</sup> )
Iron and steel products .....	143.0	123.7	126.7	115.3	112.1	108.2	( <sup>2</sup> )	129.0	122.7	113.6	114.7	( <sup>2</sup> )
Clay construction products .....	133.9	130.7	134.3	121.1	138.2	134.0	( <sup>2</sup> )	130.5	128.1	133.9	141.9	( <sup>2</sup> )
Quarterly Indexes (Unadjusted)												
	Annual average		1957		1958							
	1957		1958		4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.			
Gypsum products .....	154.4		170.1		150.9	150.6	156.3	190.1	183.4			
Plumbing fixtures .....	114.1		117.3		115.5	115.3	113.6	111.2	129.1			

Source: Table compiled by the Department of Commerce from data reported by various Government agencies and by private firms as shown in notes to the tables following in Part F. <sup>1</sup> Revised. <sup>2</sup> Not available. Note: Millwork index for January 1959 is not strictly comparable with earlier indexes. See footnote to table F-3.

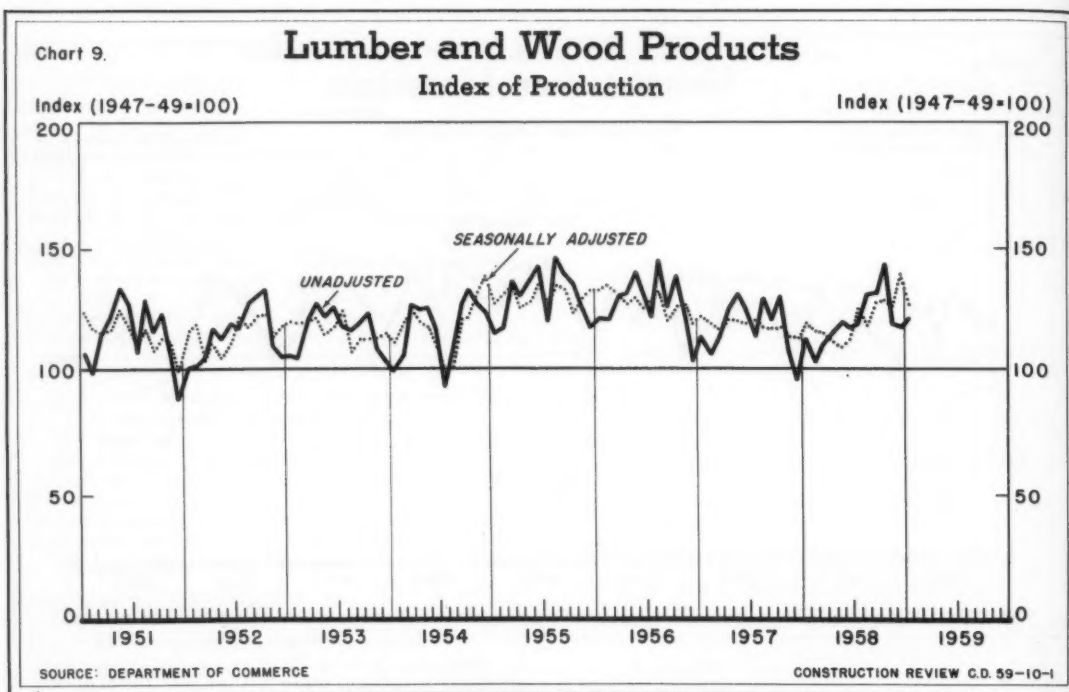


Table F-2: Lumber and Wood Products: Production, Shipments, and Stocks

Period	Softwood lumber (Million board feet)			Hardwood flooring (Thousand board feet)			Douglas fir plywood (Million square feet)	Insulating boards (Tons)	Hardboard (Tons)
	Production	Shipments	Stocks*	Production	Shipments	Stocks*	Production		
1947-49 average.....	28,252	27,656	4,485	812,365	789,437	44,455	1,802	766,269	294,214
Year: 1956.....	30,484	29,758	6,117	1,166,446	1,117,010	114,074	5,191	1,102,012	539,981
1957.....	27,391	27,528	5,916	953,706	947,023	107,028	5,379	994,000	569,000
1958.....	27,083	27,420	5,552	927,294	922,789	99,111	6,136	1,032,386	597,810
12 months ending:									
October 1958.....	26,541	26,897	--	913,125	918,527	--	5,914	1,015,650	585,697
November 1958.....	26,671	27,022	--	916,314	917,871	--	6,029	1,020,069	589,345
December 1958.....	27,083	27,420	--	927,294	922,789	--	6,136	1,032,386	597,810
January 1959.....	27,196	27,608	--	932,529	933,029	--	( <sup>1</sup> )	1,041,116	607,582
1958: January.....	2,038	1,974	5,987	73,034	67,363	110,372	532	75,177	51,498
February.....	1,884	1,784	6,033	63,480	59,586	114,466	457	81,814	46,543
March.....	2,064	2,052	6,045	69,441	69,658	112,211	469	84,043	50,076
April.....	2,132	2,268	5,955	74,585	81,335	104,963	<sup>2</sup> 516	85,622	43,547
May.....	2,267	2,373	5,848	77,112	83,978	95,282	<sup>2</sup> 491	91,326	47,284
June.....	2,281	2,375	5,755	78,331	82,311	91,227	<sup>2</sup> 460	79,696	43,773
July.....	2,299	2,381	5,599	81,377	81,788	89,737	<sup>2</sup> 448	87,889	49,208
August.....	2,477	2,582	5,516	82,080	87,040	84,438	<sup>2</sup> 559	96,489	50,278
September.....	2,541	2,647	5,409	86,353	86,322	83,297	<sup>2</sup> 521	93,429	52,329
October.....	2,721	2,717	5,443	93,026	89,794	86,627	<sup>2</sup> 619	98,063	55,702
November.....	2,166	2,089	5,515	74,434	69,920	89,270	<sup>2</sup> 555	82,483	53,713
December.....	2,215	2,179	5,552	74,041	63,694	99,111	<sup>2</sup> 508	76,355	53,859
1959: January.....	2,151	2,162	5,558	78,269	77,603	95,918	( <sup>1</sup> )	83,907	61,270
Percent change									
January, 1958-1959.....	+ 6	+10	- 7	+7	+15	- 13	--	+12	+19
Year, 1957-1958.....	- 1	( <sup>3</sup> )	--	- 3	- 3	--	+14	+ 4	+ 5

Source: Table compiled by Department of Commerce (BDSA) from data reported by the National Lumber Manufacturers Association, the Douglas Fir Plywood Association, and the Bureau of the Census.

\* As of end of period. <sup>1</sup> Not available. <sup>2</sup> Monthly figures estimated from quarterly totals prepared by Douglas Fir Plywood Association. <sup>3</sup> Change of less than one-half of 1 percent.



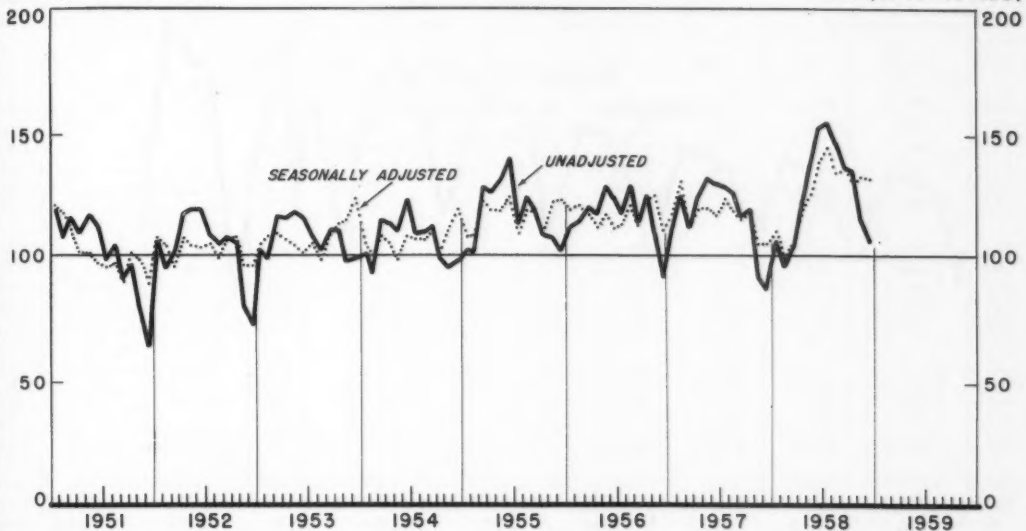
Chart 10.

## Paint, Varnish, and Lacquer

Index of Production for Trade Sales

Index (1947-49=100)

Index (1947-49=100)



SOURCE: DEPARTMENT OF COMMERCE

CONSTRUCTION REVIEW C.D. 59-10-J

Table F-3: Shipments of Millwork Products and Production of Paint, Varnish, and Lacquer

Period	Shipments (Thousands of units)				Production for trade sales (Thousands of gallons) Paint, varnish, & lacquer
	Ponderosa pine doors	Hardwood doors	Sash	Exterior frames	
1947-49 average.....	13,768	13,298	11,043	14,186	266,701
Year: 1956.....	12,035	16,404	10,551	15,679	312,543
1957.....	2,028	5,611	9,887	5,273	313,128
1958.....	1,919	4,439	9,666	5,678	337,926
12 months ending:					
October 1958.....	1,838	4,576	9,186	5,363	328,422
November 1958.....	1,870	4,530	9,393	5,535	333,550
December 1958.....	1,919	4,439	9,666	5,678	337,926
January 1959.....	1,954	4,519	9,890	5,809	(2)
1958: January.....	132	353	565	334	23,559
February.....	142	305	589	355	21,319
March.....	159	294	627	422	23,148
April.....	165	338	656	393	27,700
May.....	162	340	679	469	31,000
June.....	122	366	806	570	34,100
July.....	125	347	753	486	34,400
August.....	148	452	974	600	32,700
September.....	176	493	982	566	30,600
October.....	211	463	1,133	577	30,200
November.....	190	388	1,011	504	25,600
December.....	187	298	892	401	23,600
1959: January.....	167	433	789	465	(2)
Percent change					
December, 1957-58.....	+36	-24	+44	+55	+23
Year, 1957-58.....	-5	-21	-2	+8	+8

Source: Table compiled by Department of Commerce (BDNA) from data reported by the National Wood Work Manufacturers Association (whose data on ponderosa pine and hardwood doors, sash, and exterior frames are only from member firms, and are not adjusted to represent full coverage), and the Bureau of the Census. <sup>1</sup> Production. <sup>2</sup> Not available.

NOTE: Beginning with January 1959, only shipments of millwork products will be available. Special tabulations prepared by the National Wood Work Manufacturers Association showing shipments for 1957 and 1958 indicate only minor differences between production and shipments. The following table shows the close correspondence between these two items:

Shipments as a percent of production, 1957 and 1958

	Ponderosa doors	Hardwood doors	Sash	Exterior frames
1957.....	100.7	102.3	100.2	99.9
1958.....	99.5	98.6	100.6	98.6

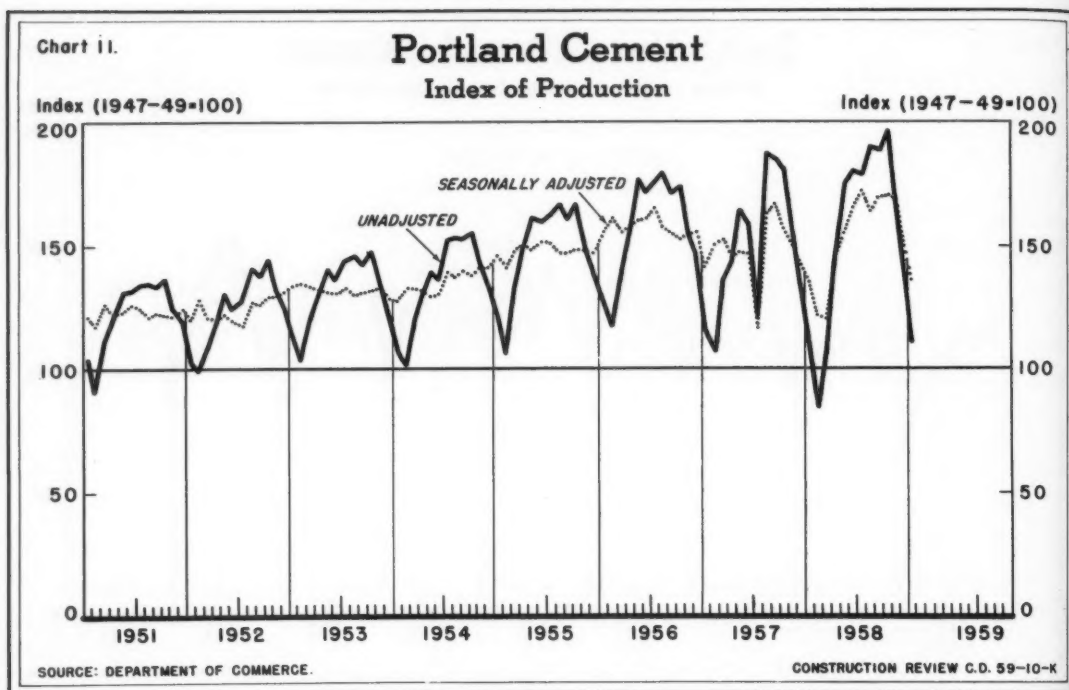


Table F-4: Portland Cement, and Asphalt and Gypsum Products: Production, Shipments, and Stocks

Period	Pro- duction	Ship- ments	Stocks*	Shipments (Thousands of squares)				Shipments (Million square feet)	
	(Thousands of barrels)			Asphalt prepared roofing	Asphalt siding	Asphalt insulated brick siding	Asphalt and tar saturated felts	Gypsum board <sup>1</sup>	Gypsum lath <sup>1</sup>
	Portland cement								
1947-49 average.....	200,607	199,306	11,922	61,252	3,365	2,811	17,087	2,478	2,075
Year: 1956.....	316,465	311,571	22,412	57,590	1,208	2,055	29,774	4,824	2,675
1957.....	297,801	291,741	28,550	53,326	1,036	1,764	30,761	4,505	2,224
1958.....	<sup>2</sup> 311,061	<sup>2</sup> 309,650	30,459	58,117	1,039	1,616	31,506	5,172	2,153
12 months ending:									
October 1958.....	307,098	306,141	--	58,180	1,013	1,623	31,505	--	--
November 1958.....	310,115	309,860	--	58,328	1,029	1,621	31,493	--	--
December 1958.....	<sup>2</sup> 311,061	<sup>2</sup> 309,650	--	58,117	1,039	1,616	31,506	5,172	2,153
January 1959.....	311,317	310,383	--	57,840	1,031	1,619	31,359	--	--
1958: January.....	<sup>2</sup> 18,230	<sup>2</sup> 13,717	33,312	2,975	62	73	2,111	1,131	496
February.....	14,144	11,058	36,392	2,500	54	67	1,780		
March.....	17,761	17,570	36,668	3,546	56	108	2,572		
April.....	24,001	25,567	35,179	5,159	83	131	2,911	1,189	494
May.....	29,274	30,770	33,674	6,347	92	157	3,410		
June.....	30,078	30,513	33,238	6,235	92	167	3,096		
July.....	29,833	32,536	30,647	5,681	90	178	2,502	1,432	620
August.....	31,675	34,433	27,889	7,489	110	169	3,621		
September.....	31,597	35,031	24,449	6,079	114	197	2,862		
October.....	32,847	36,880	20,412	5,865	132	188	2,677	1,420	543
November.....	28,031	24,758	23,688	3,855	96	113	2,170		
December.....	23,590	16,817	30,459	2,386	58	68	1,794		
1959: January.....	18,486	14,450	34,798	2,698	54	76	1,964	--	--
Percent change									
January, 1958-59.....	+ 1	+ 5	+ 5	- 9	- 13	+ 4	- 7	--	--
Year, 1957-58.....	+ 5	+ 6	--	+ 9	( <sup>3</sup> )	- 8	+ 2	+ 15	- 3

Source: Table compiled by Department of Commerce (BDSD) from data reported by the Department of Interior (Bureau of Mines), and the Bureau of the Census. \*As of end of period. <sup>1</sup>Data reported on quarterly basis. <sup>2</sup>Revised. <sup>3</sup>Change of less than one-half of 1 percent.

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Table F-5--Portland Cement: Destination of Shipments, by State

(Thousands of barrels)

State	1958		1959	Calendar year			12 months ending—		
	Nov.	Dec.	Jan.	1955	1956	1957	Nov. 1958	Dec. 1958	Jan. 1959
Alabama .....	430	334	338	3,949	4,935	4,627	4,770	4,768	4,832
Alaska .....	7	4	4	411	366	352	219	220	223
Arizona .....	293	346	357	2,337	2,621	2,778	3,525	3,608	3,667
Arkansas .....	153	83	84	2,519	1,841	1,684	2,134	2,125	2,116
California .....	2,863	2,960	2,467	31,553	35,854	32,910	<sup>1</sup> 33,436	<sup>1</sup> 34,149	34,282
Colorado .....	296	284	180	3,486	3,703	4,027	4,170	4,183	4,154
Connecticut .....	258	137	97	3,380	4,325	5,188	3,264	3,206	3,168
Delaware .....	80	37	30	1,097	1,086	905	856	861	859
District of Columbia .....	128	104	79	1,395	1,327	1,172	1,479	1,524	1,512
Florida .....	1,033	960	1,092	8,987	9,499	9,985	11,332	11,397	11,717
Georgia .....	612	464	469	5,198	5,381	4,675	5,615	5,726	5,904
Idaho .....	115	97	69	923	1,074	959	1,391	1,453	1,499
Illinois .....	1,334	493	404	14,670	16,719	16,238	19,839	19,388	19,320
Indiana .....	589	204	184	8,073	9,181	7,045	7,509	7,328	7,282
Iowa .....	403	145	93	5,883	6,774	5,810	7,783	7,749	7,748
Kansas .....	552	360	225	7,248	6,963	4,980	6,418	6,396	6,403
Kentucky .....	261	115	93	3,636	3,509	3,281	3,105	3,074	3,060
Louisiana .....	653	673	619	7,347	8,303	7,585	8,044	8,043	8,139
Maine .....	86	31	20	961	978	964	949	956	961
Maryland .....	394	224	177	4,882	5,764	5,176	4,623	4,660	4,619
Massachusetts .....	404	238	163	5,239	5,848	4,922	4,821	4,762	4,705
Michigan .....	1,079	339	267	13,991	16,215	14,498	14,251	13,999	13,949
Minnesota .....	345	<sup>1</sup> 199	109	5,838	5,515	5,481	6,159	<sup>1</sup> 6,204	6,176
Mississippi .....	237	<sup>1</sup> 190	166	1,972	1,977	2,190	2,779	<sup>1</sup> 2,778	2,760
Missouri .....	611	372	222	7,824	7,646	6,851	7,649	7,637	7,643
Montana .....	64	40	30	951	1,405	1,377	1,441	1,394	1,390
Nebraska .....	281	148	98	3,485	3,352	2,651	3,825	3,833	3,864
Nevada .....	44	51	41	737	616	554	<sup>1</sup> 550	<sup>1</sup> 568	578
New Hampshire .....	55	32	15	1,147	926	637	579	584	579
New Jersey .....	714	432	305	9,337	9,428	7,952	7,832	7,902	7,834
New Mexico .....	194	259	239	1,996	2,086	2,206	2,326	2,430	2,522
New York .....	1,475	703	570	19,399	20,400	19,175	19,361	19,213	19,082
North Carolina .....	442	229	282	4,414	4,384	4,647	4,499	4,441	4,538
North Dakota .....	59	13	14	1,150	1,294	1,930	1,664	1,657	1,653
Ohio .....	1,379	411	368	17,320	17,554	17,306	16,560	16,186	16,058
Oklahoma .....	478	366	301	4,785	4,815	4,917	5,167	5,131	5,162
Oregon .....	142	141	154	2,398	2,565	2,532	<sup>1</sup> 2,620	<sup>1</sup> 2,593	2,582
Pennsylvania .....	1,291	586	438	16,077	15,445	14,288	15,205	15,172	15,089
Rhode Island .....	72	26	16	822	819	762	834	818	807
South Carolina .....	217	164	196	2,461	2,359	2,010	2,214	2,204	2,279
South Dakota .....	85	30	23	1,221	1,374	1,071	1,399	1,392	1,385
Tennessee .....	367	234	201	5,088	4,843	4,153	4,290	4,288	4,318
Texas .....	1,839	1,809	1,761	20,781	20,953	18,892	22,019	22,322	22,685
Utah .....	147	135	83	1,835	2,010	1,791	2,076	2,118	2,126
Vermont .....	35	10	6	294	334	302	354	353	353
Virginia .....	458	232	261	4,801	5,419	5,436	5,200	5,180	5,205
Washington .....	451	455	305	5,656	4,677	5,078	<sup>1</sup> 6,457	<sup>1</sup> 6,555	6,560
West Virginia .....	186	74	63	2,053	1,937	2,269	2,059	1,986	1,974
Wisconsin .....	412	197	148	5,977	6,768	6,771	6,838	6,751	6,707
Wyoming .....	51	46	31	578	655	688	950	962	958

Source: Table compiled by Department of Commerce from data reported by Department of Interior (Bureau of Mines).

\* Shown for

<sup>1</sup> Revised.

## CONSTRUCTION REVIEW

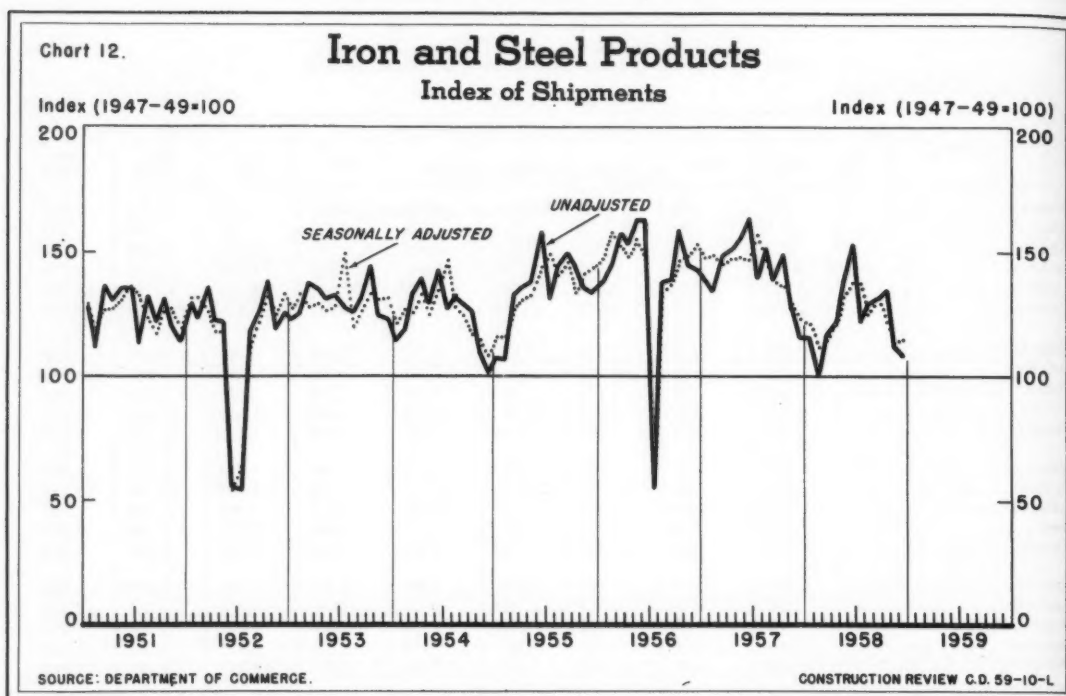


Table F-6: Iron and Steel Products: Shipments, Bookings, and Backlog

(Thousands of tons)

Period	Shipments									Shipments	Bookings	Back-log <sup>1</sup>
	Line pipe	Concrete reinforcing bars	Galvanized sheets	Nails	Piling	Rails	Cast-iron pipe		Rigid steel conduit			
							Pressure	Soil				
1947-49 average .....	1,975	1,523	1,669	797	309	2,167	1,075	604	226	2,639	2,442	--
Year: 1956.....	3,377	2,518	2,958	559	433	1,300	1,745	817	359	3,780	4,736	1,313
1957.....	4,217	2,300	2,393	447	569	1,283	1,352	757	352	4,180	3,073	1,125
1958.....	2,608	2,034	2,827	418	440	580	1,278	789	327	3,664	2,773	1,135
12 months ending:												
October 1958 .....	2,904	1,980	2,656	413	447	620	1,260	789	324	3,783	2,694	--
November 1958.....	2,757	1,991	2,720	415	444	591	1,267	794	325	3,720	2,719	--
December 1958.....	2,608	2,034	2,827	418	440	580	1,278	789	327	3,664	2,773	--
January 1959.....	2,602	2,050	2,919	416	435	578	( <sup>2</sup> )	( <sup>2</sup> )	326	3,571	2,847	--
1958: January .....	228	118	187	32	35	58	79	50	30	317	162	1,361
February .....	203	107	168	28	25	44	68	40	21	283	186	1,410
March .....	174	141	196	34	32	54	88	57	21	337	196	1,341
April.....	180	176	206	36	36	63	112	64	24	324	208	1,279
May.....	314	191	231	41	41	73	123	70	26	328	224	1,257
June.....	312	274	277	54	61	68	130	77	34	329	287	1,267
July.....	220	175	240	30	32	33	111	72	28	291	331	1,264
August.....	228	180	253	38	37	43	129	79	30	298	226	1,200
September.....	215	193	259	36	37	27	126	77	35	314	256	1,169
October.....	226	184	290	39	34	39	129	82	30	307	259	1,083
November.....	162	152	254	28	36	35	98	64	25	271	243	1,051
December.....	145	143	266	22	35	43	85	57	23	267	197	1,135
1959: January.....	222	134	279	30	30	56	( <sup>2</sup> )	( <sup>2</sup> )	29	224	236	1,107
Percent change												
December, 1957-58.....	-51	+43	+67	+13	- 9	-20	+16	-9	+10	-17	+40	+1
Year, 1957-58.....	-38	-12	+18	- 7	-23	-55	- 5	+4	- 7	-12	-10	--

Source: Table compiled by the Department of Commerce (BDSA) from data reported by the American Iron and Steel Institute, the National Electric Manufacturers Association, the American Institute of Steel Construction, and the Bureau of the Census. <sup>1</sup> Scheduled for fabrication in the next 4 months. <sup>2</sup> Not available.

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Table F-7: Clay Construction Products: Production and Shipments

Period	Brick, common and face (Million brick)		Structural clay tile (Thousand tons)		Vitrified clay sewer pipe (Thousand tons)		Hollow facing tile (Million brick equivalent)		Glazed & unglazed floor & wall tile (Thousand square feet)	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
1947-49 average .....	5,504	5,324	1,286	1,231	1,451	1,375	357	341	104,800	101,088
Year: 1956 .....	8,085	7,382	862	750	2,154	2,039	576	535	245,996	227,369
1957 .....	6,658	6,306	687	641	1,836	1,629	465	441	216,552	211,635
1958 .....	6,490	6,456	590	559	1,759	1,752	485	454	212,898	208,922
12 months ending:										
September 1958 .....	6,363	6,251	590	555	1,711	1,664	491	461	211,990	207,375
October 1958 .....	6,398	6,331	591	557	1,721	1,689	491	459	212,077	207,982
November 1958 .....	6,430	6,423	588	559	1,736	1,724	488	455	211,471	207,634
December 1958 .....	6,490	6,456	590	559	1,759	1,752	485	454	212,898	208,922
1957: December .....	473	394	46	38	124	88	43	39	18,402	16,698
1958: January .....	408	348	44	38	133	101	42	38	16,639	15,450
February .....	339	269	35	31	108	72	34	30	15,140	14,122
March .....	423	437	41	41	118	115	37	33	15,689	14,902
April .....	542	569	50	49	118	143	36	35	17,124	16,189
May .....	587	599	52	53	144	155	38	36	17,121	16,604
June .....	581	617	52	52	150	166	43	42	17,840	18,561
July .....	592	618	59	57	162	176	42	42	16,806	18,418
August .....	613	635	57	51	167	182	44	41	18,239	19,011
September .....	633	661	53	48	169	184	42	40	19,065	19,261
October .....	661	696	54	54	183	190	47	43	20,941	20,770
November .....	578	580	46	47	160	152	40	37	18,465	17,648
December .....	534	428	47	38	148	117	39	38	19,829	17,986
Percent change										
December, 1957-58 .....	+13	+9	+3	-1	+20	+33	-8	-5	+8	+8
Year, 1957-58 .....	-3	+2	-14	-13	-4	+8	+4	+3	-2	-1

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census.

Table F-8: Clay Construction Products: Production and Shipments, by Census Region <sup>1</sup>

Census region	PRODUCTION				SHIPMENTS			
	1958				1958			
	Dec.	Nov.	Oct.	Sept.	Dec.	Nov.	Oct.	Sept.
Brick, common and face (thousands)								
U. S. TOTAL .....	534,445	577,795	661,218	632,660	428,293	580,478	695,549	660,720
New England .....	11,471	10,612	10,980	15,123	8,276	13,192	15,769	14,465
Middle Atlantic .....	80,346	82,244	95,395	87,691	53,507	87,300	107,058	100,043
East North Central .....	107,168	119,782	151,353	146,632	72,048	114,792	151,022	147,196
West North Central .....	26,831	31,046	34,954	31,800	20,770	28,571	35,963	32,222
South Atlantic .....	118,527	138,339	151,075	146,450	97,861	143,876	158,904	159,713
East South Central .....	65,368	69,124	77,240	72,693	56,620	68,172	84,250	78,625
West South Central .....	78,632	79,307	82,666	76,777	70,977	76,854	87,384	76,530
Mountain .....	26,587	28,034	29,814	26,767	25,791	25,139	29,705	28,380
Pacific .....	19,515	19,307	27,741	28,727	22,443	22,582	25,494	23,546
Structural clay tile (tons)								
U. S. TOTAL .....	46,824	46,349	54,190	53,312	38,069	47,003	54,350	47,960
Middle Atlantic .....	5,111	5,653	5,247	5,314	3,713	4,770	4,916	5,311
East North Central .....	2,456	1,436	2,574	2,550	1,939	2,149	2,911	3,348
West North Central .....	8,482	7,594	9,169	7,805	6,102	8,065	10,181	7,293
South Atlantic .....	8,749	10,058	11,491	9,342	8,158	10,373	10,495	9,624
East South Central .....	2,208	2,087	3,010	2,941	1,783	2,127	3,436	2,966
West South Central .....	17,268	17,748	19,994	19,823	14,734	17,826	19,172	16,462
Mountain & Pacific .....	2,550	1,773	2,705	5,537	1,640	1,693	3,239	2,956
Vitrified clay sewer pipe (tons)								
U. S. TOTAL .....	148,227	160,153	182,976	168,585	117,249	151,852	189,642	183,977
Middle Atlantic .....	6,289	13,732	14,257	14,605	5,501	11,708	15,107	15,928
East North Central .....	46,570	59,570	70,209	62,154	29,013	54,372	70,088	64,079
West North Central .....	15,501	13,901	14,436	12,637	11,102	14,250	18,836	15,066
South Atlantic .....	23,058	23,568	26,061	24,297	21,713	23,695	26,152	25,503
E. & W. South Central .....	25,752	22,047	26,878	20,520	22,752	21,602	26,232	25,670
Mountain .....	3,701	3,646	3,690	3,849	2,936	3,394	4,477	4,234
Pacific .....	27,356	23,689	27,445	30,523	24,232	22,831	28,750	33,497

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. <sup>1</sup> Composition of regions, and nonfarm population distribution by region, are shown below table A-2.



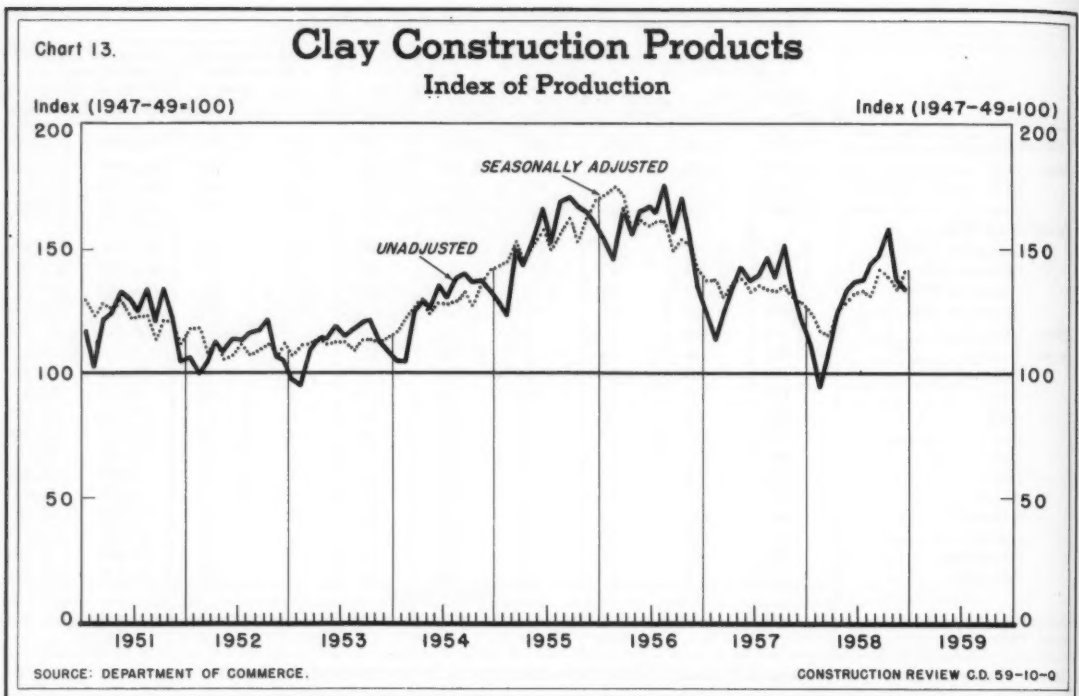


Table F-9: Heating and Plumbing Equipment: Shipments and Stocks

Period	Gas water heaters (Thousands of units)		C. I. convectors and radiators (Thousand square feet)		Warm air furnaces (Thousands of units)		Floor and wall furnaces (Thousands of units)		Residential oil burners <sup>1</sup> (Thousands of units)
	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	
1947-49 average .....	1,818	67	50,980	4,377	794	69	552	44	541
Year: 1956 .....	2,712	134	29,567	3,810	1,355	218	492	70	532
1957 .....	2,825	79	24,892	3,482	1,131	183	469	65	425
1958 .....	(2)	(2)	(2)	(2)	1,186	149	463	49	354
12 months ending:									
September 1958 .....	2,620	--	20,965	--	1,127	--	451	--	348
October 1958 .....	2,612	--	20,878	--	1,139	--	452	--	348
November 1958 .....	2,612	--	20,507	--	1,157	--	450	--	349
December 1958 .....	(2)	--	(2)	--	1,186	--	463	--	354
1957: December .....	193	79	1,374	3,482	63	183	31	65	20
1958: January .....	233	64	1,343	3,761	71	155	30	65	26
February .....	212	71	1,229	4,270	68	161	28	66	22
March .....	220	61	1,890	4,405	73	172	29	65	17
April .....	219	72	1,361	4,807	72	182	29	66	19
May .....	206	89	1,135	5,403	80	193	27	71	27
June .....	227	97	1,440	5,769	99	196	31	71	30
July .....	217	96	1,457	5,300	94	188	37	69	27
August .....	212	82	2,095	4,950	124	174	41	65	35
September .....	225	78	2,643	4,097	153	159	54	61	45
October .....	255	54	2,765	3,355	145	147	69	53	50
November .....	193	84	1,775	3,182	115	140	44	50	31
December .....	(2)	(2)	(2)	(2)	92	149	42	49	25
Percent change									
November, 1957-58 .....	(3)	+22	-17	-9	+19	-18	-4	-10	(3)
First 11 months, 1957-58 .....	-8	--	-19	--	+2	--	-4	--	-19

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. \* As of end of period.

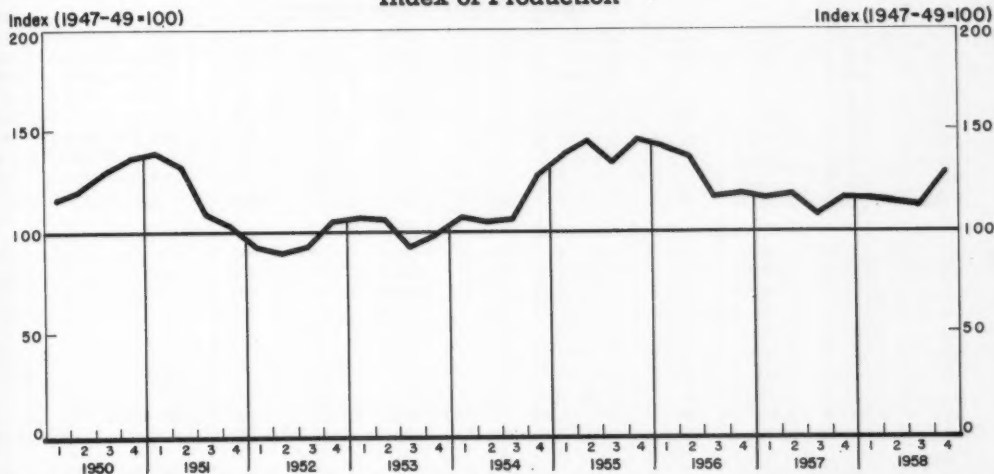
<sup>1</sup> Sold separately.<sup>2</sup> Not available.<sup>3</sup> Change of less than one-half of 1 percent.

(NOTE: Table F-10, Imports and Exports of Selected Construction Materials, is shown quarterly in the March, June, September, December issues.)

Chart 14.

## Plumbing Fixtures

## Index of Production



SOURCE: DEPARTMENT OF COMMERCE.

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Table F-11: Plumbing Fixtures: Production, Shipments, and Stocks

Type of fixture	Number of fixtures						Percent change					
	4th quarter 1958			Year 1958			4th quarter, 1957-58			Year, 1957-58		
	Production	Shipments	Stocks *	Production	Shipments		Production	Shipments	Stocks *	Production	Shipments	
Lavatories .....	1,008,809	983,967	533,668	3,677,581	3,750,687	+10	+18	-12	+3	+5		
Vitreous china .....	625,077	587,646	346,943	2,136,652	2,178,498	+24	+26	-10	+1	+7		
Cast-iron .....	303,797	319,950	158,118	1,286,411	1,301,261	-11	+5	-9	+7	+3		
Steel .....	79,935	76,371	28,607	254,518	270,928	+12	+21	-39	-2	+2		
Water closets .....	1,123,989	1,087,567	387,369	4,025,956	4,232,413	+5	+19	-35	-7	(1)		
Syphon jet .....	128,931	117,229	103,260	493,453	484,436	+18	+10	+10	+2	(1)		
Washdown .....	481,955	469,375	134,524	1,747,060	1,810,754	+5	+12	-34	-5	(1)		
Reverse trap .....	513,103	500,963	149,585	1,785,443	1,937,223	+2	+29	-49	-11	+1		
Flush tanks, vitreous china .....	989,782	967,058	330,634	3,410,557	3,601,450	+7	+27	-36	-7	+1		
Urinals, vitreous china .....	40,115	38,583	30,095	142,986	156,986	-4	+13	-18	-22	-6		
Kitchen sinks .....	517,466	526,446	271,120	2,012,823	2,086,979	+15	+21	-23	+4	+6		
Cast-iron .....	183,505	194,984	112,387	803,715	817,649	-1	+8	-11	+3	(1)		
Steel .....	333,250	330,698	158,299	1,207,450	1,267,243	+26	+31	-29	+5	+10		
Other metals and glazed earthenware <sup>2</sup> .....	711	764	434	1,658	2,087	-32	-9	-50	-51	-32		
Wash sinks .....	6,600	5,397	8,231	25,853	23,828	-1	-24	+39	-7	-15		
Service sinks .....	22,051	22,197	20,552	109,363	104,416	-14	-5	+32	+17	+9		
Sink and laundry tray comb. ....	15,184	21,771	11,883	80,352	82,679	-40	-16	-18	-5	-8		
Laundry trays .....	19,714	19,851	10,876	81,789	83,866	-4	-11	-16	-15	-13		
Bathtubs .....	577,916	553,725	183,679	2,114,174	2,161,375	+18	+30	-20	+13	+12		
Cast-iron .....	374,040	368,760	118,116	1,408,890	1,464,315	+10	+24	-31	+8	+9		
Steel .....	203,876	184,965	65,563	705,284	697,060	+37	+42	-15	+23	+18		
Shower stalls, including receptors ..	36,351	36,431	11,399	179,899	180,992	-7	-3	+13	-13	-13		

Source: Department of Commerce.

\* As of end of period.

<sup>1</sup> Change of less than one-half of 1 percent.<sup>2</sup> Includes vitreous china.

# Part G—Employment

**Table G-1: Contract Construction: Employment by Type of Contractor**

Period	All contractors	Building contractors							Nonbuilding contractors		
		All building contractors	General contractors	Special trades contractors					All non-building	Highway and street	Other non-building
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
NUMBER OF EMPLOYEES (in thousands)											
Year: 1950.....	2,333.0	1,885.0	844.0	1,041.0	263.1	130.8	123.4	524.0	448.0	183.0	265.2
1951.....	2,603.0	2,109.0	957.6	1,151.7	286.9	155.7	140.5	568.7	493.0	201.3	291.9
1952.....	2,634.0	2,119.0	948.3	1,170.8	287.7	156.5	155.7	570.9	514.0	209.4	305.0
1953.....	2,622.0	2,109.0	934.0	1,175.1	288.9	148.1	159.7	578.4	513.0	214.9	297.8
1954.....	2,593.0	2,090.0	885.7	1,204.0	295.7	143.8	164.4	600.1	503.0	217.4	285.6
1955.....	2,759.0	2,243.0	922.6	1,320.8	317.0	162.3	168.4	673.1	516.0	232.4	284.0
1956.....	2,929.0	2,336.0	970.0	1,366.0	328.7	170.9	186.2	680.2	593.0	257.9	335.3
1957.....	2,808.0	2,222.0	869.3	1,352.7	321.7	164.2	188.9	677.9	586.0	250.1	335.6
1958.....	2,648.0	2,080.0	750.5	1,329.5	303.5	169.5	173.2	683.3	568.0	256.0	312.3
1958: Jan.....	2,387.0	1,934.0	721.1	1,212.9	302.6	136.4	173.4	600.5	453.0	166.8	286.4
Feb.....	2,173.0	1,773.0	648.8	1,124.3	288.0	128.9	168.2	539.2	400.0	142.8	257.5
Mar.....	2,316.0	1,877.0	688.4	1,188.6	284.7	139.0	163.2	601.7	439.0	162.6	276.2
Apr.....	2,493.0	1,973.0	720.9	1,252.0	282.3	152.5	160.8	656.4	520.0	214.7	305.2
May.....	2,685.0	2,074.0	764.0	1,309.9	285.9	171.2	162.6	690.2	611.0	280.5	330.0
June.....	2,806.0	2,159.0	789.4	1,369.8	299.6	180.4	166.9	722.9	647.0	311.1	335.8
July.....	2,882.0	2,226.0	811.0	1,414.9	311.6	197.4	173.9	732.0	656.0	318.1	337.7
Aug.....	2,955.0	2,285.0	825.0	1,459.5	318.7	200.7	182.2	757.9	670.0	326.1	343.6
Sept.....	2,927.0	2,255.0	802.1	1,453.0	321.9	193.5	187.1	750.5	672.0	328.4	343.5
Oct.....	2,887.0	2,235.0	789.2	1,445.3	323.7	189.4	183.9	748.3	652.0	317.3	335.1
Nov.....	2,784.0	2,179.0	769.0	1,410.3	315.3	181.6	179.3	734.1	605.0	286.7	318.1
Dec.....	2,486.0	1,980.0	677.8	1,302.5	308.6	163.8	177.4	652.7	506.0	217.0	289.0
1959: Jan.....	2,342.0	1,909.0	652.1	1,257.2	296.7	148.2	170.7	641.6	433.0	174.9	258.0
Feb.....	*2,242.0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Percent change											
Dec. 1958- Jan., 1959.....	-5.8	-3.6	-3.8	-3.5	-3.9	-9.5	-3.8	-1.7	-14.4	-19.4	-10.7
Jan., 1958-59.....	-1.9	-1.3	-9.6	+3.7	-1.9	+8.7	-1.6	+6.8	-4.4	+4.9	-9.9

Source: Department of Labor.

\* Percent change: Jan.-Feb. 1959, -4.3; Feb. 1958-59, +3.2.

<sup>1</sup> Not available.
**Table G-2: Contract Construction: Number of Employees and Indexes of Employment (Seasonally Adjusted)**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
NUMBER OF EMPLOYEES (in thousands, seasonally adjusted)													
1950.....	2,119	2,101	2,105	2,173	2,236	2,337	2,405	2,451	2,473	2,502	2,517	2,471	2,333
1951.....	2,526	2,521	2,569	2,593	2,596	2,613	2,633	2,641	2,630	2,653	2,606	2,620	2,603
1952.....	2,599	2,624	2,588	2,586	2,597	2,645	2,658	2,672	2,682	2,648	2,650	2,632	2,634
1953.....	2,647	2,669	2,653	2,638	2,613	2,598	2,588	2,596	2,612	2,632	2,623	2,626	2,622
1954.....	2,533	2,583	2,600	2,614	2,603	2,599	2,591	2,594	2,586	2,584	2,618	2,615	2,593
1955.....	2,624	2,618	2,703	2,759	2,813	2,823	2,829	2,813	2,810	2,777	2,760	2,750	2,759
1956.....	2,768	2,802	2,834	2,891	2,964	3,079	2,984	3,007	2,980	2,951	2,926	2,917	2,929
1957.....	2,798	2,831	2,859	2,855	2,891	2,899	2,847	2,805	2,782	2,763	2,710	2,679	2,808
1958.....	2,652	2,455	2,573	2,624	2,698	2,698	2,693	2,711	2,698	2,698	2,690	2,550	2,648
1959.....	2,602	2,533											
INDEXES (1947-49=100) OF EMPLOYMENT (seasonally adjusted) <sup>1</sup>													
1950.....	100.7	99.8	100.0	103.2	106.2	111.0	114.3	116.4	117.5	118.9	119.6	117.4	110.8
1951.....	120.0	119.8	122.0	123.2	123.3	124.1	125.1	125.5	124.9	126.0	123.8	124.5	123.7
1952.....	123.5	124.7	122.9	122.9	123.4	125.7	126.3	126.9	127.4	125.8	125.9	125.0	125.1
1953.....	125.7	126.8	126.0	125.3	124.1	123.4	122.9	123.3	124.1	125.0	124.6	124.8	124.6
1954.....	120.3	122.7	123.5	124.2	123.7	123.5	123.1	123.2	122.9	122.8	124.4	124.2	123.2
1955.....	124.7	124.4	128.4	131.1	133.6	134.1	134.4	133.6	133.5	131.9	131.1	130.6	131.1
1956.....	131.5	133.1	134.6	137.3	140.8	146.3	141.8	142.9	141.6	140.2	139.0	138.6	139.1
1957.....	132.9	134.5	135.8	135.6	137.3	137.7	135.2	133.3	132.2	131.3	128.7	127.3	133.4
1958.....	126.0	116.6	122.2	124.7	128.2	128.2	127.9	128.8	128.2	128.2	127.8	121.1	125.8
1959.....	123.6	120.3											

Source: Department of Labor.  
the Federal Reserve Board.<sup>1</sup> Indexes for months before January 1953 are based on seasonally adjusted employment data derived by

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Table G-3: Contract Construction: Employment, by State

State	Number of employees (in thousands)											Percent change, Dec. 1957-58
	1958								1955	1956	1957	
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Dec.	Dec.	Dec.	
Alabama .....	39.9	40.2	40.8	41.8	42.1	42.4	41.2	40.0	34.1	44.7	39.6	+ 1
Arizona .....	25.9	27.0	27.9	28.1	28.9	29.3	28.9	29.2	20.0	22.6	23.6	+24
Arkansas .....	16.5	18.4	19.0	20.4	20.9	20.5	20.2	15.9	15.3	14.5	16.5	- 4
California .....	278.4	287.6	292.8	298.5	302.2	300.4	291.7	285.5	254.0	287.3	271.6	+ 5
Colorado .....	30.7	32.5	32.7	32.7	32.4	31.3	31.1	29.9	30.5	29.9	31.5	- 5
Connecticut <sup>1</sup> .....	50.9	51.4	53.0	53.3	52.2	50.6	47.3	43.0	46.3	51.4	52.7	-18
Delaware .....	12.5	13.1	13.4	13.3	13.1	12.9	13.0	11.6	15.3	15.8	11.0	+ 5
District of Columbia ..	16.7	17.2	17.6	18.0	18.5	18.2	18.3	17.4	16.8	16.5	15.7	+11
Florida .....	111.7	116.4	118.1	120.3	120.3	122.2	120.6	119.9	105.5	119.0	119.7	(2)
Georgia .....	51.5	54.2	55.3	58.5	57.5	56.5	54.2	50.9	49.6	48.9	47.7	+ 7
Idaho .....	10.7	12.0	12.7	12.5	11.9	11.8	11.0	10.2	8.1	9.2	9.8	+ 4
Illinois .....	201.7	201.5	208.3	209.8	207.0	205.0	200.7	168.1	165.6	185.9	194.1	-13
Indiana .....	69.2	69.7	71.7	75.0	73.1	71.1	66.6	53.3	69.4	69.3	70.8	-25
Iowa .....	32.3	35.0	37.1	39.4	39.2	38.0	36.3	28.9	32.2	30.7	30.5	- 5
Kansas .....	39.5	40.6	38.5	38.1	37.3	37.5	35.2	31.2	36.4	33.0	33.6	- 7
Kentucky .....	27.8	31.0	32.3	32.5	31.4	31.8	30.7	26.3	33.9	30.5	32.0	-18
Louisiana .....	62.1	61.7	62.2	63.6	63.1	63.6	63.6	61.2	53.0	61.1	69.5	-12
Maine .....	11.8	13.6	14.4	14.7	14.7	14.6	13.8	10.9	12.4	12.8	11.8	- 8
Maryland .....	59.4	61.9	64.1	64.8	64.6	64.2	62.5	55.7	65.5	69.3	60.2	- 7
Massachusetts .....	78.9	83.5	85.8	87.1	84.2	84.5	81.5	72.9	77.5	79.4	78.0	- 7
Michigan .....	90.4	94.0	93.5	100.3	98.1	95.9	91.6	79.0	115.4	111.7	98.1	-19
Minnesota .....	53.8	59.7	61.9	65.8	65.6	65.2	59.1	49.0	49.6	48.6	48.4	+ 1
Mississippi .....	16.7	18.3	17.7	18.3	19.1	17.6	17.5	15.8	16.8	15.3	15.7	+ 1
Missouri .....	64.4	67.0	66.6	68.5	68.1	67.8	68.2	60.3	69.1	65.5	61.0	- 1
Montana .....	13.1	13.8	14.7	15.7	15.8	15.5	12.7	10.3	8.1	10.2	10.4	- 1
Nebraska .....	21.2	19.3	19.3	22.6	23.2	24.6	23.2	21.7	18.7	18.0	17.6	+23
Nevada .....	6.3	7.0	7.4	7.8	8.5	8.5	7.5	6.9	8.4	6.2	6.1	+13
New Hampshire .....	8.8	9.7	10.3	10.5	10.2	9.8	9.5	8.4	9.2	8.9	9.0	- 7
New Jersey .....	83.1	87.0	91.7	92.3	93.3	89.5	86.5	78.5	102.0	105.4	90.2	-13
New Mexico .....	20.3	21.0	20.8	20.6	20.6	20.9	21.7	21.8	14.8	16.1	18.1	+20
New York .....	251.6	261.7	270.9	274.6	275.9	273.3	266.9	238.4	238.1	244.7	250.7	- 5
North Carolina .....	52.1	54.7	54.6	55.4	54.9	53.6	52.3	47.9	54.7	54.7	53.8	-11
North Dakota .....	9.0	11.7	12.4	13.1	13.1	13.4	12.2	(3)	5.9	7.6	7.9	--
Ohio .....	141.6	143.3	154.5	154.0	154.4	155.1	145.7	124.8	150.4	152.2	148.8	-16
Oklahoma .....	34.0	35.4	35.3	36.7	35.3	34.7	34.9	33.7	33.1	30.4	35.6	- 5
Oregon .....	21.3	24.6	26.8	24.3	28.2	27.6	23.7	21.9	20.6	21.6	20.2	+ 8
Pennsylvania .....	176.7	185.2	187.2	197.2	194.0	191.1	181.7	154.2	168.6	175.0	167.4	- 8
Rhode Island .....	17.9	19.0	19.8	19.9	20.0	20.2	19.8	17.8	16.2	16.2	17.7	+ 1
South Carolina .....	27.6	28.1	28.3	28.9	27.8	28.4	28.1	26.8	29.2	26.2	26.4	+ 2
South Dakota .....	10.5	10.8	11.3	11.6	11.7	11.4	9.9	7.9	7.1	7.7	6.7	+18
Tennessee .....	39.2	42.2	40.9	44.4	43.9	43.6	42.4	39.6	41.2	42.8	38.1	+ 4
Texas .....	157.7	164.4	166.4	167.2	157.8	160.1	165.5	168.2	156.9	166.0	159.0	+ 6
Utah .....	14.7	15.4	16.2	17.5	17.9	17.5	16.3	15.0	13.4	14.9	14.1	+ 6
Vermont .....	5.0	5.6	6.1	6.3	5.9	5.7	5.6	4.8	4.6	4.4	4.6	+ 4
Virginia .....	67.5	68.7	70.1	69.8	69.3	68.4	66.4	61.0	59.3	66.3	65.7	- 7
Washington .....	42.9	45.5	47.3	48.1	48.3	47.5	45.0	41.8	38.6	43.1	39.8	+ 5
West Virginia .....	24.7	26.8	27.5	30.3	30.7	31.4	28.8	26.8	20.6	23.0	29.3	- 9
Wisconsin .....	56.7	59.9	61.6	63.0	62.0	61.5	58.3	51.3	54.3	55.8	54.6	- 6
Wyoming .....	6.2	7.1	7.6	7.8	8.4	8.0	8.0	6.8	5.4	5.8	5.4	+26

Source: Department of Labor. <sup>1</sup> Includes a small number of employees in mining. <sup>2</sup> Change of less than one-half of 1 percent. <sup>3</sup> Not available. NOTE: Statistics for January 1959 and averages for the year 1958, which were scheduled to appear in this issue, have been delayed because the data are being revised in accordance with the 1957 Standard Industrial Classification. They will be included in the May 1959 issue.



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Table G-4: Contract Construction: Employment in Selected Metropolitan Areas

Metropolitan area	Number of employees (in thousands)											Percent change, Dec. 1957-58
	1958								1955	1956	1957	
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Dec.	Dec.	Dec.	
Albany-Schenectady-Troy, N. Y. ....	6.6	7.2	7.2	7.7	7.6	7.8	7.5	6.3	6.7	8.1	7.8	-19
Albuquerque, N. Mex. ....	5.7	6.2	6.6	6.5	6.8	6.9	7.0	7.1	5.0	4.6	5.2	+37
Allentown-Bethlehem-Easton, Pa. ....	8.5	8.8	8.9	9.0	8.5	8.0	7.8	6.8	9.1	9.0	8.1	-16
Atlanta, Ga. <sup>1</sup> .....	20.6	22.1	23.0	24.6	24.0	23.2	22.5	21.5	18.8	17.1	18.9	+14
Baltimore, Md. ....	36.8	37.7	38.1	38.4	38.2	38.0	36.8	32.2	41.5	43.6	37.4	-14
Baron Rouge, La. ....	12.0	11.9	11.8	11.8	12.2	12.0	11.3	11.4	5.4	8.5	11.4	0
Binghamton, N. Y. ....	2.9	3.0	3.0	3.1	3.2	3.2	3.0	2.2	2.6	2.8	3.0	-27
Birmingham, Ala. ....	12.8	14.3	14.9	16.0	16.4	16.7	16.3	15.9	11.0	11.7	11.9	+34
Boise, Idaho ....	1.7	1.8	2.0	2.0	2.0	2.0	1.8	1.7	1.5	1.6	1.7	0
Boston, Mass. ....	45.5	48.8	50.5	52.3	51.1	50.7	49.4	43.6	43.0	48.1	46.5	-6
Bridgeport, Conn. <sup>2</sup> .....	6.4	6.8	7.0	7.0	7.0	6.9	6.7	6.0	5.9	6.4	7.0	-14
Buffalo, N. Y. ....	21.4	20.9	24.0	25.8	26.1	26.1	23.5	20.2	18.9	20.6	20.4	-1
Casper, Wyo. ....	1.5	1.5	1.6	1.8	1.9	1.8	2.0	1.7	1.1	1.4	1.7	0
Charleston, S. C. ....	3.8	4.0	4.0	4.0	4.0	4.4	4.3	4.4	3.7	3.7	3.7	+19
Charleston, W. Va. ....	4.6	4.8	4.8	5.2	4.9	4.8	4.6	3.8	3.8	4.6	4.9	-22
Charlotte, N. C. ....	7.4	7.8	7.7	7.7	7.8	7.8	7.5	6.9	8.6	8.0	8.4	-18
Chattanooga, Tenn. ....	3.0	3.4	3.4	3.5	3.7	3.7	3.7	3.7	3.4	3.4	3.0	+23
Chicago, Ill. ....	130.9	128.7	131.6	132.6	130.9	129.9	127.0	106.8	117.3	131.3	127.5	-16
Denver, Colo. ....	17.1	17.9	18.1	19.0	19.7	19.2	19.7	19.5	18.7	18.5	18.1	+8
Des Moines, Iowa ....	3.9	5.0	5.2	5.4	5.3	5.3	4.8	4.3	4.7	4.1	4.7	-9
Detroit, Mich. ....	49.0	49.4	49.5	54.1	54.1	53.3	50.9	45.6	67.3	62.2	57.1	-20
Duluth, Minn. ....	2.7	3.0	2.8	3.5	3.6	3.7	3.5	2.8	2.3	2.9	2.9	-3
Evansville, Ind. ....	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	3.8	3.4	3.5	-17
Fargo, N. D. ....	2.1	2.4	2.6	2.9	2.9	3.1	2.9	(3)	1.6	1.8	2.2	--
Fort Wayne, Ind. ....	2.9	2.9	3.0	3.0	2.8	2.8	2.6	2.5	3.5	3.2	3.0	-17
Great Falls, Mont. ....	2.0	2.0	2.5	2.6	2.6	2.3	2.0	1.5	1.1	1.3	1.4	+7
Harrisburg, Pa. ....	9.3	10.2	9.8	10.6	10.3	10.1	9.3	7.5	6.9	6.8	8.2	-9
Hartford, Conn. <sup>2</sup> .....	11.3	11.7	11.8	11.9	11.7	11.7	11.3	10.5	9.6	10.8	11.8	-11
Huntington-Ashland, W. Va. ....	2.3	2.3	2.4	2.8	2.5	2.8	2.8	2.5	3.2	3.2	3.1	-19
Indianapolis, Ind. ....	14.3	14.7	16.1	16.1	16.2	16.1	15.3	14.1	11.8	13.5	13.4	+5
Jackson, Miss. ....	4.1	4.4	4.7	4.7	5.0	4.5	4.3	3.7	4.6	3.6	3.5	+6
Jacksonville, Fla. ....	9.4	9.3	9.3	9.7	9.6	9.4	9.4	9.6	8.7	10.3	9.6	0
Kansas City, Mo. ....	20.0	20.7	21.3	22.1	22.2	22.3	22.3	20.1	22.6	21.5	19.4	+4
Knoxville, Tenn. ....	4.2	4.6	2.5	5.0	5.4	5.6	5.6	5.4	6.4	7.1	5.2	+4
Lewiston, Maine ....	1.1	1.2	1.2	1.1	1.1	1.2	1.1	1.0	1.1	1.2	1.1	-9
Little Rock-N. Little Rock, Ark. ....	5.8	7.0	7.2	7.4	6.6	7.2	6.1	5.1	5.2	4.5	5.3	-4
Los Angeles-Long Beach, Calif. ....	119.1	122.3	123.7	126.6	127.7	127.1	124.5	124.9	115.0	128.8	120.8	+3
Louisville, Ky. ....	12.8	13.4	13.9	14.2	14.0	13.3	12.8	11.6	14.3	12.3	12.8	-9
Manchester, N. H. ....	1.8	2.0	2.1	2.2	2.1	2.0	1.9	1.7	2.1	1.9	1.8	-6
Memphis, Tenn. ....	10.8	11.2	11.6	12.0	11.9	12.0	11.4	10.9	9.6	8.6	9.9	+10
Miami, Fla. ....	22.4	23.6	24.7	25.6	25.5	26.0	25.7	25.4	25.2	27.6	24.7	+3
Milwaukee, Wis. ....	21.4	22.2	22.6	23.2	22.7	23.1	22.3	19.7	21.5	22.5	21.8	-10
Minneapolis-St. Paul, Minn. ....	26.4	28.2	29.7	31.1	31.3	31.2	29.3	26.8	24.8	25.2	23.7	+13
Mobile, Ala. ....	5.2	5.3	5.5	5.3	5.3	5.3	5.1	5.1	5.2	7.1	5.6	-9
Nashville, Tenn. ....	6.6	6.9	7.1	7.5	7.5	7.4	7.3	6.7	6.2	6.5	5.9	+14
New Bedford, Mass. ....	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.0	1.6	1.3	1.4	-29
New Britain, Conn. <sup>2</sup> .....	1.6	1.7	1.7	1.8	1.8	1.8	1.7	1.5	1.4	1.5	1.7	-12
New Haven, Conn. <sup>2</sup> .....	8.5	8.8	8.9	9.0	8.9	8.6	8.4	8.1	6.8	8.0	8.6	-6
New Orleans, La. ....	16.9	16.9	16.3	16.2	16.2	16.3	16.4	15.8	15.7	21.7	18.7	-16
New York-Northeastern N. Jersey ....	212.0	223.7	234.7	238.0	239.2	231.4	227.7	206.5	226.1	231.0	210.3	-2
Newark-Jersey City, N. J. ....	27.7	27.9	29.8	29.9	30.5	29.7	28.9	26.8	35.0	36.1	29.6	-9
Paterson, N. J. ....	22.4	25.7	28.5	28.9	28.8	26.9	26.0	23.3	24.6	26.0	25.6	-9
Perth Amboy, N. J. ....	5.1	5.5	6.2	7.0	6.9	6.3	6.3	5.5	8.9	9.5	5.9	-7
Nassau-Suffolk Counties, N. Y. ....	24.5	24.9	25.9	25.8	25.8	24.7	23.9	18.9	29.7	29.6	23.9	-21
New York, N. Y. ....	111.9	118.1	120.8	122.5	123.9	121.8	120.6	113.5	108.2	108.3	107.9	+5
Westchester County, N. Y. ....	18.7	19.7	21.4	21.7	20.9	19.5	19.5	16.4	17.4	17.1	15.0	+9

See footnotes at end of table.



## CONSTRUCTION REVIEW

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Table G-4: Contract Construction: Employment in Selected Metropolitan Areas--Continued

Metropolitan area	Number of employees (in thousands)												Percent change, Dec. 1957-58
	1958									1955	1956	1957	
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Dec.	Dec.	Dec.		
Norfolk-Portsmouth, Va.....	13.7	14.2	14.2	14.4	14.2	14.3	14.0	13.4	10.3	12.1	13.4	0	
Oklahoma City, Okla.....	9.0	9.6	9.9	10.2	9.9	9.9	9.9	9.5	10.0	8.8	9.4	+ 1	
Omaha, Nebr.....	8.8	6.4	5.9	8.9	9.7	10.4	10.0	9.4	7.7	7.8	7.8	+21	
Peoria, Ill.....	3.8	4.1	4.4	4.3	4.2	4.3	4.2	4.0	4.3	4.5	4.6	-13	
Philadelphia, Pa.....	74.9	79.1	80.3	83.5	82.5	83.1	80.5	69.4	75.7	76.8	70.1	- 1	
Phoenix, Ariz.....	12.4	12.9	13.1	13.5	13.9	14.0	13.8	14.1	10.8	11.9	10.9	+29	
Pittsburgh, Pa.....	42.1	42.2	42.6	45.3	45.2	44.9	42.4	36.4	38.2	41.0	41.8	-13	
Portland, Maine.....	3.3	3.8	4.4	4.4	4.3	4.1	4.1	3.7	3.7	3.9	3.3	+12	
Portland, Oreg.....	12.3	14.1	15.3	13.5	15.7	15.5	14.0	13.4	12.7	12.9	12.0	+12	
Providence, R. I.....	15.8	16.8	17.5	17.6	17.7	17.9	17.5	15.7	14.4	14.4	15.7	0	
Racine, Wis.....	1.8	1.9	1.9	2.1	2.1	2.2	2.1	1.6	1.9	1.9	1.7	- 6	
Reno, Nev.....	2.5	2.7	2.7	2.7	2.7	2.6	2.6	2.3	2.2	1.9	2.7	-15	
Richmond, Va.....	12.0	12.5	12.9	12.7	12.3	12.0	11.6	10.7	10.6	11.4	11.7	- 9	
Rochester, N. Y.....	10.0	10.6	10.8	11.3	11.7	11.6	11.1	9.8	9.1	9.3	9.4	+ 4	
Rockford, Ill. <sup>a</sup> .....	4.1	4.3	4.5	4.5	4.4	4.4	4.1	3.1	4.0	4.0	4.1	-24	
Sacramento, Calif.....	9.9	10.5	10.9	11.1	11.0	11.2	11.1	10.6	8.7	9.4	9.0	+18	
St. Louis, Mo.....	37.5	37.0	38.4	40.0	39.7	39.5	39.4	34.4	40.6	38.2	35.8	- 4	
Salt Lake City, Utah.....	8.2	8.2	9.1	9.3	9.4	9.1	8.2	7.7	8.2	7.8	7.6	+ 1	
San Diego, Calif.....	13.5	13.7	13.8	14.0	14.1	14.1	14.0	14.1	12.7	14.6	13.8	+ 2	
San Francisco-Oakland, Calif.....	52.7	54.4	55.9	57.6	57.6	57.2	56.6	55.0	60.1	60.2	51.9	+ 6	
San Jose, Calif.....	11.3	12.1	12.6	12.9	12.9	13.0	13.0	12.8	9.7	10.5	10.8	+19	
Savannah, Ga.....	3.9	3.7	3.7	3.5	3.4	3.2	3.2	3.1	2.9	3.2	3.4	- 9	
Seattle, Wash.....	16.7	17.3	17.8	17.9	18.0	17.2	16.4	15.9	13.3	14.5	15.6	+ 2	
Sioux Falls, S. D.....	1.4	1.6	1.7	1.7	1.7	1.7	1.6	1.1	1.5	1.3	1.2	- 8	
South Bend, Ind.....	3.0	3.0	2.9	2.7	2.8	2.8	2.7	2.5	3.3	3.1	3.0	-17	
Spokane, Wash.....	4.6	5.3	5.6	5.6	5.5	5.7	4.9	4.2	3.4	4.7	4.1	+ 2	
Springfield-Holyoke, Mass.....	6.3	6.9	7.1	7.6	7.5	7.4	7.2	6.6	7.3	7.2	6.6	0	
Stamford, Conn. <sup>2</sup> .....	4.2	4.3	4.3	4.2	4.2	4.3	4.1	3.8	4.0	4.3	4.4	-14	
Syracuse, N. Y.....	7.4	8.0	7.8	7.9	8.4	8.5	8.2	7.3	5.9	6.8	8.6	-15	
Tacoma, Wash.....	4.5	4.8	4.9	4.9	4.9	4.9	4.6	4.2	3.9	4.3	4.3	- 2	
Tampa-St. Petersburg, Fla.....	18.9	18.9	18.8	18.8	18.8	18.7	18.4	18.4	15.6	17.9	18.8	- 2	
Topeka, Kans. <sup>5</sup> .....	4.2	4.2	4.1	4.3	4.3	3.9	3.1	2.9	3.3	3.8	4.6	-37	
Trenton, N. J.....	2.7	2.7	2.7	2.9	3.0	2.9	3.0	2.4	3.6	3.8	2.8	-14	
Tucson, Ariz.....	5.6	5.5	5.8	5.9	6.2	6.3	6.2	6.3	4.5	4.9	5.6	+13	
Tulsa, Okla.....	7.7	8.0	8.0	8.0	6.8	7.3	7.4	7.3	7.8	8.3	7.7	- 5	
Utica-Rome, N. Y.....	3.0	3.2	3.5	3.6	3.6	3.2	2.9	2.1	3.0	3.3	4.2	-50	
Washington, D. C.....	36.6	37.9	39.1	39.5	40.2	39.7	39.1	37.3	41.1	38.4	34.9	+ 7	
Waterbury, Conn. <sup>7</sup> .....	2.4	2.4	2.5	2.5	2.5	2.5	2.4	2.2	2.5	2.3	2.3	- 4	
Wheeling-Steubenville, W. Va.....	5.2	6.0	6.5	6.4	5.9	5.7	5.6	4.9	4.9	6.6	7.4	-34	
Wichita, Kans.....	6.7	7.5	7.4	7.3	7.4	7.3	6.6	6.3	7.3	6.8	6.2	+ 2	
Wilmington, Del.....	10.5	10.9	11.2	11.0	11.0	10.7	10.8	9.4	13.5	14.1	9.0	+ 4	
Worcester, Mass.....	4.0	4.0	3.4	4.1	4.3	4.4	4.1	3.5	4.5	4.3	4.0	-13	

Source: Department of Labor.

<sup>1</sup> Data from January 1956 not comparable with previous periods because area was redefined (and data correspondingly revised) to include Clayton Co. as well as Cobb, DeKalb, and Fulton Cos.<sup>2</sup> Includes a small number of employees in mining.<sup>3</sup> Not available.<sup>4</sup> Data from January 1956 not comparable with previous periods because area was redefined (and data correspondingly revised) to include Waukesha Co. as well as Milwaukee Co.<sup>5</sup> Data revised from January 1957. Revised statistics for months not shown here are available upon request.

NOTE: Statistics for January 1959 and averages for the year 1958, which were scheduled to appear in this issue, have been delayed because the data are being revised in accordance with the 1957 Standard Industrial Classification. They will be included in the May 1959 issue.

## CONSTRUCTION REVIEW

Table G-5: Contract Construction: Indexes of Aggregate Weekly Man-Hours

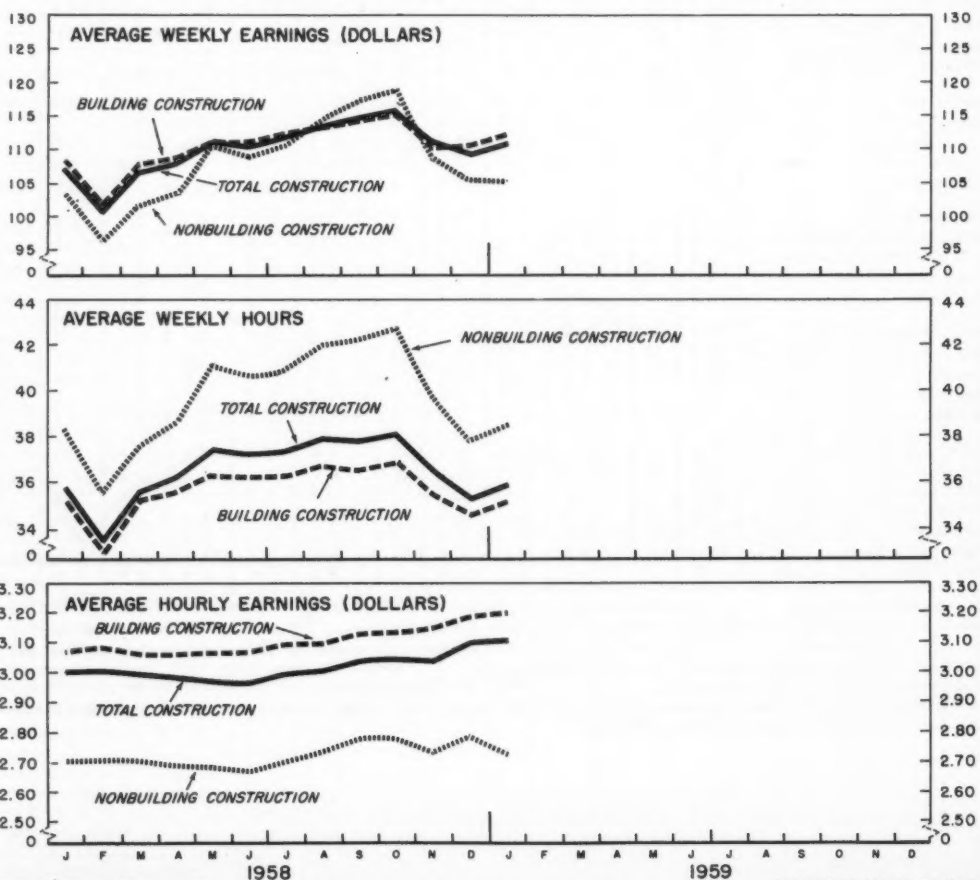
(1947-49=100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948.....	89.6	81.3	86.7	95.0	102.2	111.9	115.1	117.3	116.2	113.3	106.6	105.4	103.4
1949.....	94.2	88.9	89.2	95.0	103.1	106.8	110.5	114.2	111.5	111.4	104.4	94.9	102.0
1950.....	84.6	79.5	83.7	95.8	106.1	116.7	122.1	129.5	126.1	128.9	123.9	112.7	109.1
1951.....	106.4	99.3	105.4	116.9	126.4	131.8	137.7	141.1	138.5	139.8	124.2	121.6	124.1
1952.....	111.1	112.3	108.3	117.5	125.4	136.8	138.9	143.2	144.0	139.9	128.2	123.9	127.5
1953.....	109.1	108.7	109.1	115.8	122.6	130.4	132.0	137.2	131.7	136.7	126.7	117.2	123.1
1954.....	95.5	102.8	106.4	113.5	120.3	128.0	131.4	134.0	128.6	128.6	123.3	114.4	118.9
1955.....	101.4	98.6	108.4	115.8	129.8	137.0	144.0	144.3	146.6	138.3	125.6	121.1	125.9
1956.....	108.1	108.5	109.2	123.6	136.4	152.6	151.5	157.1	155.4	151.1	137.6	128.9	135.0
1957.....	105.6	112.2	114.8	122.3	131.9	141.2	143.2	145.5	141.3	137.0	120.2	112.9	127.3
1958.....	102.4	85.9	98.9	109.1	122.7	128.1	132.1	137.9	136.1	135.3	123.8	105.7	118.1
1959.....	99.9	91.6											

Source: Department of Labor.

Chart 15

## Hours and Earnings in Contract Construction



## CONSTRUCTION REVIEW

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Table G-6: Contract Construction: Hours and Gross Earnings of Construction Workers

Period	All construction	Building construction							Nonbuilding construction		
		All building contractors	General contractors	Special trades contractors					All non-building	Highway and street	Other non-building
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
AVERAGE WEEKLY EARNINGS											
Year: 1955 .....	\$95.94	\$96.29	\$90.22	\$100.83	\$106.40	\$94.38	\$116.52	\$96.21	\$95.11	\$91.27	\$98.50
1956 .....	101.83	101.92	95.04	107.16	112.31	99.81	125.22	102.39	101.59	97.63	104.94
1957 .....	106.64	106.86	98.89	112.17	118.87	103.75	132.10	106.30	105.07	98.66	110.15
1958 .....	110.17	110.67	102.53	114.95	123.23	107.64	135.97	108.99	109.07	104.14	113.58
1958: January .....	107.10	108.06	100.39	112.29	122.36	102.94	132.35	104.54	103.79	92.96	110.59
February .....	100.53	101.64	91.58	107.18	117.85	100.78	128.25	97.34	96.21	85.26	102.96
March .....	106.44	107.71	100.04	112.29	120.80	103.80	132.17	105.43	101.90	88.21	110.30
April .....	107.88	108.63	101.60	113.21	121.77	106.91	133.32	106.64	103.45	94.57	110.01
May .....	111.08	111.08	105.12	115.12	121.66	106.79	135.52	110.09	110.56	105.84	115.26
June .....	110.11	110.77	103.46	115.16	122.47	107.71	136.68	109.51	108.67	103.25	114.57
July .....	111.90	112.17	104.54	116.89	124.64	108.42	137.11	111.51	110.57	106.50	114.51
August .....	113.70	113.40	106.48	117.90	124.97	110.76	136.76	112.46	114.66	112.31	116.87
September .....	114.91	114.25	105.56	118.99	126.39	110.25	140.09	113.53	117.32	114.23	120.07
October .....	115.82	115.18	107.01	119.64	126.39	110.92	140.12	114.12	118.71	117.04	120.66
November .....	110.66	111.16	103.37	115.73	121.77	108.73	134.66	110.66	108.11	102.62	113.59
December .....	109.43	110.37	99.12	116.51	127.59	109.10	140.48	107.24	105.36	93.98	114.55
1959: January .....	110.98	112.29	103.30	116.84	127.97	107.84	139.01	108.85	105.11	93.21	114.07
AVERAGE WEEKLY HOURS											
Year: 1955 .....	36.9	36.2	35.8	36.4	38.0	34.7	39.1	35.5	40.3	41.3	39.4
1956 .....	37.3	36.4	36.0	36.7	38.2	34.9	39.5	35.8	40.8	41.9	39.9
1957 .....	36.9	36.1	35.7	36.3	38.1	34.7	39.2	35.2	39.8	40.6	39.2
1958 .....	36.6	35.7	35.6	35.7	37.8	34.5	38.3	34.6	40.1	41.0	39.3
1958: January .....	35.7	35.2	35.1	35.2	38.0	33.1	38.7	33.4	38.3	38.1	38.4
February .....	33.4	33.0	31.8	33.6	36.6	32.3	37.5	31.3	35.5	34.8	36.0
March .....	35.6	35.2	35.1	35.2	37.4	33.7	38.2	33.9	37.6	36.6	38.3
April .....	36.2	35.5	35.4	35.6	37.7	34.6	38.2	34.4	38.6	38.6	38.6
May .....	37.4	36.3	36.5	36.2	37.9	34.9	38.5	35.4	41.1	42.0	40.3
June .....	37.2	36.2	36.3	36.1	37.8	35.2	38.5	35.1	40.7	41.3	40.2
July .....	37.3	36.3	36.3	36.3	38.0	35.2	38.3	35.4	40.8	41.6	39.9
August .....	37.9	36.7	37.1	36.5	38.1	35.5	38.2	35.7	42.0	43.7	40.3
September .....	37.8	36.5	36.4	36.5	38.3	35.0	38.7	35.7	42.2	43.6	40.7
October .....	38.1	36.8	36.9	36.7	38.3	35.1	38.6	36.0	42.7	44.5	40.9
November .....	36.4	35.4	35.4	35.5	36.9	34.3	37.2	34.8	39.6	40.4	38.9
December .....	35.3	34.6	33.6	35.2	38.2	34.2	38.7	33.2	37.9	37.0	38.7
1959: January .....	35.8	35.2	34.9	35.3	38.2	33.7	38.4	33.7	38.5	38.2	38.8
AVERAGE HOURLY EARNINGS											
Year: 1955 .....	\$2.60	\$2.66	\$2.52	\$2.77	\$2.80	\$2.72	\$2.98	\$2.71	\$2.36	\$2.21	\$2.50
1956 .....	2.73	2.80	2.64	2.92	2.94	2.86	3.17	2.86	2.49	2.33	2.63
1957 .....	2.89	2.96	2.77	3.09	3.12	2.99	3.37	3.02	2.64	2.43	2.81
1958 .....	3.01	3.10	2.88	3.22	3.26	3.12	3.55	3.15	2.72	2.54	2.89
1958: January .....	3.00	3.07	2.86	3.19	3.22	3.11	3.42	3.13	2.71	2.44	2.88
February .....	3.01	3.08	2.88	3.19	3.22	3.12	3.42	3.11	2.71	2.45	2.86
March .....	2.99	3.06	2.85	3.19	3.23	3.08	3.46	3.11	2.71	2.41	2.88
April .....	2.98	3.06	2.87	3.18	3.23	3.09	3.49	3.10	2.68	2.45	2.85
May .....	2.97	3.06	2.88	3.18	3.21	3.06	3.52	3.11	2.69	2.52	2.86
June .....	2.96	3.06	2.85	3.19	3.24	3.06	3.55	3.12	2.67	2.50	2.85
July .....	3.00	3.09	2.88	3.22	3.28	3.08	3.58	3.15	2.71	2.56	2.87
August .....	3.00	3.09	2.87	3.23	3.28	3.12	3.58	3.15	2.73	2.57	2.90
September .....	3.04	3.13	2.90	3.26	3.30	3.15	3.62	3.18	2.78	2.62	2.95
October .....	3.04	3.13	2.90	3.26	3.30	3.16	3.63	3.17	2.78	2.63	2.95
November .....	3.04	3.14	2.92	3.26	3.30	3.17	3.62	3.18	2.73	2.54	2.92
December .....	3.10	3.19	2.95	3.31	3.34	3.19	3.63	3.23	2.78	2.54	2.96
1959: January .....	3.10	3.19	2.96	3.31	3.35	3.20	3.62	3.23	2.73	2.44	2.94
Percent change, January 1958 to 1959											
Avg. wkly. earnings ..	+3.6	+3.9	+2.9	+4.1	+4.6	+4.8	+5.0	+4.1	+1.3	+0.3	+3.1
Avg. wkly. hours .....	+ .3	0	- .6	+ .3	+ .5	+1.8	- .8	+ .9	+ .5	+ .3	+1.0
Avg. hrly. earnings .....	+3.3	+3.9	+3.5	+3.8	+4.0	+2.9	+5.8	+3.2	+ .7	0	+2.1

Source: Department of Labor.

## CONSTRUCTION REVIEW

Table G-7: Registered Apprentices in the Building Trades, by State and Territory, and Trade

State and territory	Number registered as of-			Percent change	
	Dec. 31, 1956	Dec. 31, 1957	June 30, 1958	Dec. 31, 1956 to Dec. 31, 1957	Dec. 31, 1957 to June 30, 1958
Total	<sup>1</sup> 2113, 073	<sup>1</sup> 110, 940	<sup>1</sup> 3107, 657	- 2	- 3
Alabama	1, 561	1, 526	1, 557	- 2	+ 2
Alaska	290	311	312	+ 7	(4)
Arizona	1, 184	1, 771	1, 800	+50	+ 2
Arkansas	615	618	638	(4)	+ 3
California	14, 923	13, 178	12, 358	-12	- 6
Colorado	1, 402	1, 362	1, 285	- 3	- 6
Connecticut	2, 641	2, 793	2, 841	+ 6	+ 2
Delaware	270	293	301	+ 9	+ 3
District of Columbia	1, 488	1, 242	1, 334	-17	+ 7
Florida	2, 965	3, 605	3, 549	+22	- 2
Georgia	2, 281	1, 997	1, 969	-12	- 1
Hawaii	332	382	403	+15	+ 5
Idaho	414	394	418	- 5	+ 6
Illinois	10, 277	9, 788	9, 913	- 5	+ 1
Indiana	2, 702	2, 587	2, 540	- 4	- 2
Iowa	908	924	953	+ 2	+ 3
Kansas	806	824	755	+ 2	- 8
Kentucky	1, 375	1, 185	1, 066	-14	-10
Louisiana	1, 507	1, 646	1, 715	+ 9	+ 4
Maine	387	453	428	+17	- 6
Maryland	1, 799	1, 742	1, 658	- 3	- 5
Massachusetts	2, 669	2, 712	2, 610	+ 2	- 4
Michigan	5, 537	4, 770	4, 274	-14	-10
Minnesota	3, 072	3, 165	2, 894	+ 3	- 9
Mississippi	514	471	538	- 8	+14
Missouri	3, 212	2, 941	2, 830	- 8	- 4
Montana	504	373	393	-26	+ 5
Nebraska	824	856	798	+ 4	- 7
Nevada	367	378	359	+ 3	- 5
New Hampshire	174	211	176	+21	-17
New Jersey	2, 594	2, 611	2, 583	+ 1	- 1
New Mexico	671	665	693	- 1	+ 4
New York	8, 782	8, 594	8, 463	- 2	- 2
North Carolina	1, 907	1, 846	1, 880	- 3	+ 2
North Dakota	293	346	259	+18	-25
Ohio	8, 282	8, 948	8, 155	+ 8	- 9
Oklahoma	1, 117	1, 273	1, 144	+14	-10
Oregon	1, 230	1, 257	1, 119	+ 2	-11
Pennsylvania	4, 009	4, 482	4, 418	+12	- 1
Rhode Island	587	571	562	- 3	- 2
South Carolina	627	679	751	+ 8	+11
South Dakota	287	253	238	-12	- 6
Tennessee	2, 095	2, 121	2, 175	+ 1	+ 3
Texas	5, 209	5, 055	4, 924	- 3	- 3
Utah	829	815	783	- 2	- 4
Vermont	129	135	127	+ 5	- 6
Virginia	1, 377	1, 202	1, 204	-13	(4)
Washington	2, 298	1, 822	(5)	-21	-
West Virginia	574	604	652	+ 5	+ 8
Wisconsin	2, 929	2, 920	2, 780	(4)	- 5
Wyoming	247	243	260	- 2	+ 7

See footnotes at end of table.

## CONSTRUCTION REVIEW

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Table G-7: Registered Apprentices in the Building Trades, by State and Territory, and Trade--Continued

State and territory	Number registered in selected trades											
	As of December 31, 1957						As of June 30, 1958 <sup>3</sup>					
	Carpenter	Electrician	Painter and paper-hanger	Plumber and pipe-fitter	Sheet metal worker	Trowel trades <sup>6</sup>	Carpenter	Electrician	Painter and paper-hanger	Plumber and pipe-fitter	Sheet metal worker	Trowel trades <sup>6</sup>
Total .....	23,814	17,747	4,316	21,716	11,924	18,382	22,957	17,202	4,401	21,612	11,154	17,553
Alabama .....	325	198	72	215	144	365	308	191	83	211	141	388
Alaska .....	157	38	8	35	10	5	161	36	9	34	10	5
Arizona .....	762	241	95	315	110	142	794	227	91	330	104	145
Arkansas .....	92	51	27	120	49	88	82	54	32	120	56	84
California .....	3,435	1,669	674	2,402	1,864	1,053	3,255	1,627	702	2,211	1,593	949
Colorado .....	246	187	36	222	198	157	230	177	31	226	116	138
Connecticut .....	641	457	163	679	318	224	616	462	156	690	324	261
Delaware .....	76	48	20	58	28	44	80	47	20	61	32	41
Dist. of Col. ....	151	179	44	418	103	160	184	176	43	452	93	180
Florida .....	872	1,000	43	504	380	344	851	1,009	51	528	328	336
Georgia .....	238	526	33	353	208	311	245	452	45	365	199	326
Hawaii .....	142	85	4	89	54	4	139	71	12	92	63	19
Idaho .....	120	58	29	54	49	63	117	69	30	70	52	56
Illinois .....	1,726	1,267	346	1,986	754	2,482	1,734	1,350	364	2,146	744	2,328
Indiana .....	493	406	102	321	210	953	472	396	86	324	253	879
Iowa .....	253	97	35	211	104	131	266	104	35	204	108	141
Kansas .....	264	65	55	115	73	168	220	38	44	138	69	160
Kentucky .....	215	317	83	316	75	121	202	245	99	290	60	113
Louisiana .....	322	414	67	287	127	236	352	448	83	321	120	197
Maine .....	35	105	1	128	105	27	27	88	1	132	98	26
Maryland .....	343	299	51	406	116	409	347	263	50	405	109	382
Massachusetts ..	444	584	60	729	328	299	387	585	59	709	317	304
Michigan .....	1,156	572	163	821	596	995	1,046	507	145	721	511	925
Minnesota .....	541	609	198	659	380	453	441	597	203	631	362	390
Mississippi .....	105	90	0	106	34	105	166	85	0	110	39	107
Missouri .....	653	318	229	418	423	632	600	310	225	408	416	598
Montana .....	111	77	20	69	45	33	112	86	22	78	48	28
Nebraska .....	132	79	43	87	142	269	124	58	48	71	130	266
Nevada .....	119	93	21	56	57	14	105	79	25	56	59	14
New Hampshire ..	53	0	0	105	25	13	36	0	0	98	22	5
New Jersey .....	580	295	35	653	232	609	556	306	24	682	229	592
New Mexico .....	134	176	27	84	27	80	132	180	25	104	19	77
New York .....	2,163	1,714	210	1,713	803	1,450	2,077	1,768	215	1,669	835	1,387
North Carolina ..	339	516	17	287	283	191	359	519	15	296	262	224
North Dakota .....	90	38	6	66	4	108	42	9	6	69	7	102
Ohio .....	1,513	843	225	1,354	994	2,214	1,409	701	229	1,286	841	2,136
Oklahoma .....	222	91	51	177	161	200	218	83	49	180	125	200
Oregon .....	138	408	71	177	213	62	107	369	68	153	193	57
Pennsylvania .....	654	454	84	1,516	384	985	620	470	83	1,508	403	892
Rhode Island .....	220	71	35	146	38	23	215	77	35	129	41	30
South Carolina ..	84	234	9	161	54	120	130	232	16	174	58	120
South Dakota .....	75	34	13	51	19	32	78	36	13	46	7	28
Tennessee .....	587	510	81	239	157	293	598	517	81	239	156	293
Texas .....	1,066	791	283	1,077	429	846	1,055	660	297	1,129	426	787
Utah .....	224	159	61	139	131	57	199	158	55	137	127	66
Vermont .....	36	22	3	53	8	9	33	22	3	59	7	0
Virginia .....	163	331	32	296	187	137	143	341	42	285	169	124
Washington .....	619	348	115	262	192	146	(5)	(5)	(5)	(5)	(5)	(5)
West Virginia .....	77	106	5	145	93	141	90	121	5	152	89	142
Wisconsin .....	528	442	225	804	370	333	493	409	225	788	357	314
Wyoming .....	80	35	6	32	36	46	85	39	6	33	35	45

Source: Department of Labor.

<sup>1</sup> Includes data for trades not shown separately.<sup>2</sup> Revised.<sup>3</sup> Totals include an estimate forWashington. <sup>4</sup> Change of less than one-half of 1 percent.<sup>5</sup> Not available.

and plasterers.

<sup>6</sup> Covers brick, stone, and tile workers; cement masons;



## Construction Regulations\*

**New Minimum Property Standards for Housing With Government-Assisted Mortgages.** (Federal Housing Administration news releases No. 59-7, issued February 26, 1959, and No. 58-67, issued November 21, 1958.)

All applications received on or after July 1, 1959, for Federal mortgage insurance on a property with a 1-family or 2-family structure must comply entirely with the new Minimum Property Standards established by the Federal Housing Administration, including any FHA-approved Local Acceptable Standards. (For properties of 3-or-more living units, FHA publishes separate minimum property requirements.)

The new MPS, which replace the previous Minimum Property Requirements for 1- and 2-family properties, emphasize standards of performance rather than methods, and give builders greater freedom in design and construction. The standards are minimum, and added quality will be reflected in the FHA appraisal value.

Use of the new standards is mandatory after June 30, and they may be used as early as April 1. During the 3-month transition period, the old MPR or new MPS may be applied under the following circumstances:

1. For insurance applications covering an individual property, either the old MPR or the new MPS must be applied in their entirety. Partial use of the MPR along with portions of the MPS will not be accepted in these cases.
2. Builders may apply the new MPS to a single property or a group of properties. At his option, a builder may choose to apply the MPS on part of a development while continuing to use the MPR on the remainder, but he will be encouraged to establish a definite break in his operations where all his properties can comply with the new MPS, to avoid processing delays.
3. During the interim period, the old MPR will be considered applicable unless insurance application exhibits include the builder's written statement that he intends to use the new MPS.
4. If the new MPS are to apply, it will be so specified in the FHA Commitment to Insure.
5. Local Acceptable Standards that have been submitted to the FHA Washington headquarters for approval may not be used with the new MPS until they are specifically authorized. (Local Acceptable Standards are those approved for use where unusual climate or geography make some variation necessary.)

The Veterans Administration also is applying the new Minimum Property Standards for the planning, construction, and general acceptability of residential property to be purchased or constructed with guaranteed or insured loans.

**Time Extended for Use of FHA Agreement to Insure.** (Federal Housing Administration news release No. 59-9, issued March 5, 1959; and Federal Home Loan Bank Board press release issued March 6, 1959.)

The Treasury Department announced on March 4, 1959, a 90-day extension of its previous ruling that national banks may accept the FHA "Agreement to Insure" as the equivalent of a firm commitment to insure. The agreement to insure, and certain limitations on the use of commitments to insure, were introduced by the Federal Housing Administration on October 16, 1958, to help conserve its mortgage insurance authorization. (See Construction Review, December 1958, p. 56.)

The Federal Home Loan Bank Board also authorized insured savings and loan associations to treat the "Agreement to Insure" as the equivalent of a firm commitment for a period of 90 days from March 5, 1959, so that the associations can continue without interruption their activity in FHA home financing.

**Interest Rate Raised on Capehart Military Housing Mortgages.** (Federal Housing Administration news release No. 59-8, issued March 2, 1959; Letter to All Approved Mortgagees, issued March 3, 1959; and Federal Register, Vol. 24, No. 45, March 6, 1959.)

The permissible interest rate on mortgages for project housing at military installations (FHA Sec. 803 Capehart housing) was increased from 4-1/4 percent to the statutory limit of 4-1/2 percent, and the increase may be applied to projects on which bids had not been opened as of March 2, 1959. This action was taken to improve the flow of funds to the program, and was recommended by the Department of Defense. The 4-1/4 interest rate had been in effect since April 1958, when it was raised from 4 percent. (See Construction Review, April 1958, p. 51.)

\* Prepared in the Division of Construction Statistics, Bureau of Labor Statistics, U. S. Department of Labor. Address inquiries to this agency.

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